

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

SEEDS TREES AND PLANTS
47th Annual Catalog

MADE IN U.S.A.

OSCAR H. WILL & CO. . . . BISMARCK N.D.

FALCONER

LIBRARY
RECEIVED
★ JAN 6 1931 ★
U. S. Department of Agriculture



1883



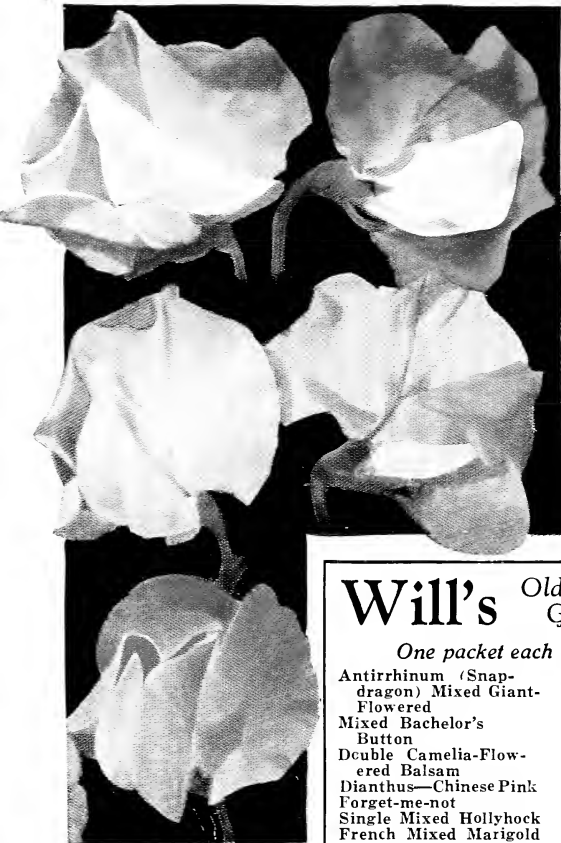
1930

PIONEER SEED HOUSE NURSERY
& GREENHOUSE OF THE NORTHWEST

Seed Corn Specialists

GEORGE
RYAN

WILL'S Old-Fashioned Flower Garden COLLECTION



Will's Imperial Mixed Sweet Peas. Pkt., 5c; oz., 10c.



Dahlia-Flowered Zinnia—Gold Medal Mixture. Pkt., 10c; ¼ oz., 50c.

Will's Old-Fashioned Flower Garden Collection

One packet each of the following:

Antirrhinum (Snapdragon) Mixed Giant-Flowered	Mignonette, Machet
Mixed Bachelor's Button	Mixed Morning Glory
Double Camelia-Flowered Balsam	Phlox Drummondii
Dianthus—Chinese Pink	Grandiflora
Forget-me-not	Mixed Single Portulaca
Single Mixed Hollyhock	Dwarf Ten Weeks Stocks
French Mixed Marigold	Sweet William
	Verbena Hybrids
	Dahlia-Flowered Zinnia (Gold Medal Mixture)

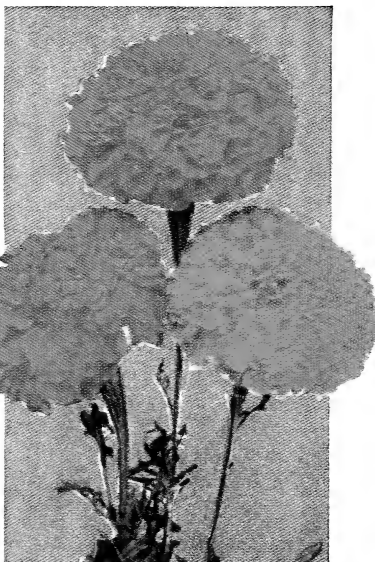
Also one ounce each of the following:

Will's Pioneer Brand Dwarf Mixed Nasturtiums
Will's Imperial Mixed Sweet Peas

This \$1.35 Value,
Postpaid, for only **75c**



Single Mixed Portulaca. Pkt., 5c; ¼ oz., 20c.



French Mixed Marigolds. Pkt., 5c; ¼ oz., 20c.



Will's Pioneer Brand Dwarf Nasturtiums. Pkt., 5c; oz., 15c.

Why Buy Will's Goods

To Our Customers and Friends:

We take pleasure in handing you herewith our new 47th annual catalog for 1930, and we hope that you will use it to your advantage and ours.

Some time ago we saw a list of reasons why people buy goods and we found it interesting to apply to our own business. The reasons are as follows, and we are adding their application to Will's Seeds, Trees, and Plants. People buy goods for these reasons:

1. **To make money.** Will's seeds, trees and plants are of high quality, adapted to the Northwest, true to name and will make more money for the user than any other sort.

2. **To win praise.** He who ornaments his place with Will's shrubs and flowers will receive the praise of all who see his home.

3. **To be popular.** The good neighbor is popular with all, his place is handsome, his garden good and its produce is freely presented to his friends. Will's seeds and nursery stock make the popular man.

4. **To conserve possessions.** In other words to save money and what it will buy. Oscar H. Will & Co.'s catalog gives you fullest value and highest quality for every cent invested in their goods.

5. **For enjoyment.** What is more enjoyable than pleasant hours spent in a good garden. Will's seeds are the very best assurance of a good garden.

6. **To gratify curiosity.** Will's catalog lists many specialties including unusual Indian varieties of plants and native flowers and shrubs which excite the interest and curiosity of the plant lover.

7. **For the good opinion of others.** A well planted yard and a good lawn go very far toward winning the good opinion of your fellow citizen. Will's seeds and nursery stock give the best results in home improvement.

8. **For beautiful possessions.** Surely there is no more beautiful possession than a home well planted with grass, flowers, trees and shrubs selected from Will's perfectly adapted varieties.

9. **To protect the Family.** A nice home properly planted is a worthy estate for any man to leave, and a good garden in which to work and exercise is an insurance of health. Ask Will's for planting plans and select your seed from their catalog.

10. **To be in Style.** Tan on the face and arms and a handsome home with well planted grounds

are both very much the style now. Will's Seeds will help you get the tan, and Will's flowers and shrubs will make your home planting more handsome than any other near you.

11. **Appeal to the appetite.** Nothing has a greater appeal to the average normal appetite than luscious vegetables, corn, tomatoes, cabbage, grown from Will's seeds in your own garden.

12. **Emulation of Great Characters and Personages.** More than half of the great people of history, as well as our great men and women of the day, have been gardeners and garden lovers.

13. **For Safety in Buying.** Will's seeds and plants are the best, carefully grown for the climate of the Northwest from the finest of stocks. They are the safest buy for our territory in every respect.

14. **For Cleanliness.** Is there any need to draw a comparison between the often handled vegetables of the common market and store, and the clean fresh product of your own garden grown with Will's seeds?

15. **For Comfort.** It is an undoubted comfort to live in a well planted home and to be able to gather fresh vegetables at a moment's notice from your own garden. Will's Seeds and Plants will furnish both.

16. **For Health.** Work in a garden and keep your muscles fit. Live on a diet of fresh home grown vegetables and keep your internal health at the peak of perfection. Will's Seeds will help.

17. **To Escape Criticism.** Is there anyone who comes in for more criticism than the man with the unkempt lawn, the ill planted or unplanted yard? Will's trees and shrubs, and Will's planting advice and plants are at your service.

18. **To Save Time.** How much time does the average housekeeper waste in looking over, selecting and buying vegetables for the table? Save all this by growing the finest kind from Will's Seeds in your own ground.

Sincerely,

OSCAR H. WILL & CO.

Will's \$1 Home Garden Collection

For a garden 25x10 feet, figured in 25-ft. rows. This collection is a great saving and an especial convenience to the customer who is not familiar with varieties and comparative quantities required.

\$1.00 POSTPAID

Amount, Variety, Space Required, Distance Between Rows and Regular Price.

½ lb. Imp. Golden Wax Beans, 2 rows, 18 in.	\$0.23
1 oz. Will's Imp. Beet, 2 rows, 18 in.	.10
2 pkts. Danvers Half Long Carrot, 2 rows, 18 in.	.10
¼ lb. Golden Bantam Sweet Corn, 4 rows, 2½ ft.	.15
1 pkt. Early Fortune Cucumber, 1 row, 3 ft.	.05
2 pkts. Lettuce, 1-leaf; 1-head; 1 row, 1 ft.	.10
2 pkts. White Silverskin, 2 rows, 18 in.	.10
2 pkts. Imp. Guernsey Parsnip, 2 rows, 18 in.	.10
½ lb. Bliss Everbearing Peas, 2 rows, 2 ft.	.22
½ lb. Sutton's Excelsior Peas, 2 rows, 2 ft.	.25
1 oz. Will's Early Carmine Radish, 2 rows, 1 ft.	.10
1 pkt. Lucullus Swiss Chard, 1 row, 18 in.	.05

Value if ordered separately\$1.55
Price, postpaid\$1.00

(See back cover).

Value if ordered
separately,
\$1.55.

Price Postpaid

\$1

General Directions to Customers

HOW TO SEND MONEY. Remittance should be made by **Postoffice** or **Express Money Order** or by **Bank Draft**. Personal checks on good banks are accepted, **but customers must pay exchange**. U. S. stamps are accepted for small amounts.

DELIVERY OF GOODS. Goods may be sent by mail, express or freight. Mail postpaid prices are quoted in most cases. Parcel Post rates are given so that customers can figure the amount necessary to add to freight prices when larger amounts are desired by mail. If you wish goods sent by mail be sure that you remit mail prices. The Parcel Post weight limit is 70 lbs., within 300 miles, 50 lbs beyond that. Weight limit for Parcel Post to Canada 15 lbs. @ 14c per lb. There is no reduction on postpaid prices of packet and ounce goods if sent by express or freight.

EXPRESS AND FREIGHT. Quotations F. O. B. here or sending goods "by freight or express" means that we deliver the goods to the express or railway company. **The purchaser pays all transportation charges** on receipt of goods. On moderate sized orders we advise express shipment rather than freight. **All prices are F. O. B. here unless quoted postpaid.**

Upon delivery of goods to transportation company, a sale is completed. In event of loss or damage to goods in transit the purchaser must have notation of such loss placed upon his receipt, and may then file claim for loss at his station, or may send the necessary papers to us when we shall gladly enter claim for him, remitting to him as soon as the claim is paid.

Remember that our responsibility ceases on delivery in good order to the transportation company, and it is therefore imperative that every purchase be carefully examined for loss or damage before receiving it.

We do not guarantee replacement of goods sent by mail. An additional remittance of five cents will insure any mail package. We can not insure plants and nursery stock so there is no recourse in case of delay and injury.

PACKING. No charge is made for boxes, bags or wrapping for any goods offered in this catalog.

KEEP A COPY OF YOUR ORDER. Check goods received with this copy. Sometimes items are sold out or will follow later, in which case a slip is enclosed with other goods or notices sent.

MISTAKES. These will happen in spite of all care. Write us at once with copy of original order and order number, and mistake will be promptly rectified. Please do not return goods until you hear from us.

Notify us if you hear nothing of your order within a reasonable time.

OUR RESPONSIBILITY. It is so manifestly impossible for a seller of any perishable goods to be responsible for what happens to them after they leave his hands,

especially goods like seeds which are planted in the ground under varying conditions of soil and climate, that we, in common with all American seed houses, disclaim responsibility as to crop which may be raised from the seeds which we sell.

We wish it understood that all goods are sold under the following general non-warranty.

We give no warranty, express or implied, as to the description, quality, productiveness or any other matter, of any seeds, bulbs, shrubs or trees sold by us, and we will not be in any way responsible for the crop. If the purchaser does not accept the goods on the above terms, no sale is made thereof, and they must be returned at once and money will be refunded.

However, we wish to call the attention of our customers to the fact that we make careful tests of all seeds in our stock and endeavor to see that nothing but goods of the very highest quality are sent out.

We urge most strongly that every bit of seed grain or seed corn received from us be tested. Should the test prove unsatisfactory or the goods not as represented we should be notified at once and an immediate adjustment will be made.

With regard to trees or plants, if sent by express, and damage is noted by consignee at the station, we are glad to replace or refund. We do not guarantee nursery stock and plants after being taken from the express office, but are always willing to give attention to just claims for loss.

Parcel Post Rates

Limit of weight in zones 1, 2, and 3 is 70 lbs. Weight limit for zones 4 to 8 inclusive, is 50 lbs.

If You Do Not Know Which Zone Rate Applies, Consult Your Postmaster.

For Zones 1 and 2—One pound is 7c. Add 1c per pound to 7c for each additional pound weight or fractional pound of the package. Thus 7 pounds will be 7c plus 6 additional pounds at 1c per pound, or 13c.

Zone 3—One pound is 8c. For each additional pound add 2c.

Zone 4—One pound is 8c. For each additional pound add 4c.

Zone 5—One pound is 9c. For each additional pound add 6c.

Zone 6—One pound is 10c. For each additional pound add 8c.

Zone 7—One pound is 12c. For each additional pound add 10c.

Zone 8—One pound is 13c. For each additional pound add 12c.

Will's Bargain Counter Collections

Will's Sweet Corn Collection

This collection is designed to give Corn lovers the longest possible succession of roasting ears by furnishing a planting of each variety from the very earliest sorts to the latest which we can use profitably in our climate.

Two ounces of each of the following varieties:
 Assiniboine Yellow Improved Early Dakota
 Will's Early June Golden Bantam
 Nuetta Banana Cream
 Sunshine Stowell's Evergreen

The Price of the Collection,
 Postpaid **50c**

Indian Garden Collection

We offer this in response to a demand for a supply of native Indian varieties for Nature Projects for members of Summer Camps of Boy Scout, Girl Scout, Camp Fire Girls and similar activities; also for nature students and schools interested in planting native gardens.

We offer one packet each of the following:

Mandan and Gilmore Squash
 Arikara White Flour or Mother Corn
 Chippewa Early White Flint Corn
 Arikara Sunflower and Arikara Water Melon
 Hidatsa Red Bean Nuetta Sweet Corn
 Arikara Yellow Bean Omaha Pumpkin
 Iriquois Popcorn Ft. Berthold Pumpkin
 Zuni Blue Flower Corn Seneca Sunflower

Price postpaid, **70c**

Special Flower Seed Collection No. 2

For School Children

To children interested in flowers we offer seven packets of flower seeds of our selection for 25c.

Seven Packets,
 Postpaid **25c**

Our Leader Collection

Detroit Dark Red Beet
 Copenhagen Market Cabbage
 Danvers Half Long Carrot
 Danish Perfection Cauliflower
 Early Fortune Cucumber
 Early Curled Simpson Lettuce
 Extra Early Osage Muskmelon
 Red River Tomato
 Will's Dakota Globe Onion
 Guernsey Parsnip
 Harris Earliest Pepper
 Will's Early Carmine Radish
 Will's Improved Purple Top Yellow
 Rutabaga
 Improved Hubbard Squash
 Will's Sugar Watermelon

15 packets—one of each of the above fifteen varieties

postpaid for **60c**

Will's Pioneer Indian Collection

Seven packets of the same vegetable varieties grown by the Indians of this section long before the white man ever saw North Dakota. Interesting and valuable.

One packet each of the following:

Arikara Watermelon Arikara Squash
 Nuetta Sweet Corn Mandan Squash
 Arikara Yellow Bean Omaha Pumpkin
 Indian Sunflower

Postpaid
 Price, **30c**

For other collections, see inside front and back covers and outside back cover, also pages 1, 4, 71, 72, 73, 81, 87, 89, and 90.

PREMIUMS—Free With Orders

Premiums must be claimed at time of ordering, and only one premium is allowed to each order.

Class 1. An order for vegetable or flower seeds to the amount of \$7.00, or of seed grain and trees to the amount of \$12.00, entitles the customer to his choice of the following:
Amateur Guide to Landscape Gardening. (For sale at 35c, postpaid). An invaluable book to the home owner and garden enthusiast.

The Personal Account Book. Indispensable in keeping data for income tax returns.
One of Our Pioneer Collections of Indian Seeds.

Class 2. An order for vegetable or flower seeds to the amount of \$10.00 or for grain or trees to the amount of \$15.00, entitles the customer to one of the following premiums:
Guide to Corn Growing in the American and Canadian Northwest. (Sales price, 50c). A complete handbook of Corn History, Corn Breeding, Corn Growing, Corn Varieties, and the handling of the crop; in popular form and non-technical language. Deals with all matters relating to corn production under the special requirements of Northwestern and Northern Great Plains conditions.

One 16-Inch White Thermometer. Tested for both extremes, cold and heat. Needed on every farm.
One of Our 50c Sweet Corn Collections. See description above.
Country Kitchen Cook Book. (Value 50c).
Poultry Manual. (Value 50c).
Amateur Fruit Growing. (Value 50c).
Weeds and How to Eradicate. (Value 50c).
Iris Manual. (Value 50c).
Peony Manual. (Value 50c).

Class 3. An order for vegetable or flower seeds to the amount of fifteen dollars, or for seed grain or trees to the amount of twenty-five dollars, entitles the purchaser to one of the following:
Vegetable Gardening. An advanced book on gardening.
Field Crops. Wilson and Warburton.

Special Onion Seed Premium. The book "Onions," by Ralph W. Jordan. Given upon request with each order for five pounds or more of onion seed. Sold at fifty cents. A complete work on the raising, handling, and treatment of onions with directions for every step from preparing ground to marketing.

Will's Old-Fashioned Flower Garden Collection



Marigold.

SEE INSIDE FRONT COVER

1 pkt. Antirrhinum Maximum.
1 pkt. Mixed Bachelor's Button.
1 pkt. Balsam, Camellia-Flowered.
1 pkt. Dianthus.
1 pkt. Forget-Me-Not.
1 pkt. Hollyhocks, Single Mixed.
1 pkt. French Mixed Marigold.
1 pkt. Mignonette, Machel.
1 pkt. Mixed Morning Glory.

1 pkt. Phlox Drummond.
1 pkt. Single Portulaca.
1 pkt. Stocks, Ten Weeks.
1 pkt. Sweet William.
1 pkt. Verbena Hybrida.
1 pkt. Zinnia, Dahlia-Flowered.
1 oz. Dwarf Mixed Nasturtiums.
1 oz. Imperial Mixed Sweet Peas.



Nasturtium.

Special for This Collection

15 packets and 2 ounces of seeds of these beautiful flowers—value \$1.35. Special Price.....

75c POST-PAID

Will's Flower Seed

ALL FLOWER SEEDS PREPAID

In order that our customers may plant and grow with better understanding, we make use of the following symbols:

(A) **Annuals**—These complete the cycle of growth, flowering, and death, the first year.

(B) **Biennials**—These grow from seed the first year, bloom and die the second. If started indoors these commonly bloom the first year.

(P) **Perennials**—These live and flower year after year.

(T) **Tender**—Plants so marked should be started inside and transplanted after danger of frost is past.

(C) **Climbing Plants**.

Pioneer Asters (A)

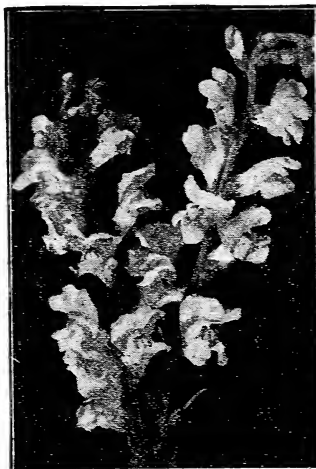
EARLY WHITE WONDER or EXPRESS. The best extra early white variety with good sized, double flowers borne on good stiff stems. Pkt., 10c; ¼ oz., 85c.

EARLY PINK WONDER or EXPRESS. The earliest blooming pink Aster, with large, full flower. Pkt., 10c; ¼ oz., 85c.

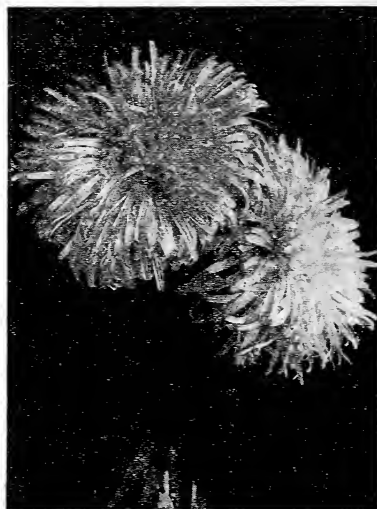
CRIMSON CREGO. A midseason variety of the branching type growing about 2 feet tall. The crimson flowers are commonly 4 to 5 inches across, borne on stems 12 inches long. A fine all around sort. Pkt., 10c; ¼ oz., 40c.

LAVENDER CREGO. Season, form and habit the same as the Crimson Crego, but with lavender blossoms. Pkt., 10c; ¼ oz., 40c.

PURPLE CREGO. Another color in the glorious Crego family. Pkt., 10c; ¼ oz., 40c.



Antirrhinum—Snapdragon.



Japanese Aster.

JAPANESE or MIKADO. Also known as Rochester. A midseason giant-flowering variety of branching habit, growing about 2 feet high. The long, narrow petals bend and curl on each other to make this the fluffiest Aster of them all. All colors mixed. Pkt., 5c; ¼ oz., 30c.

For Aster Plants, See Page 70.

AGERATUM. (A). One of the best border and bedding plants, blooming from early Summer to frost. Grows 10 inches tall.

Blue Perfection. Pkt., 5c; ¼ oz., 15c.
Album White. Pkt., 5c; ¼ oz., 15c.

ALYSSUM. (A). One of the finest annuals we have for edging; very dwarf and blooming from early in the season until frost.

Sweet Alyssum (Maritimum). Honey-scented white blossoms. Pkt., 5c; ¼ oz., 15c.

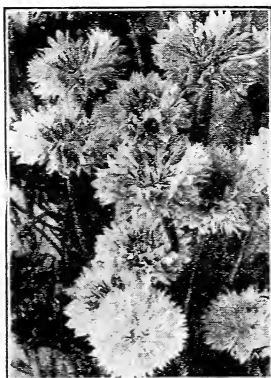
Lilac Queen. Deep lavender lilac blossoms. Pkt., 5c; ¼ oz., 15c.

ANTIRRHINUM—SNAPDRAGON. Maximum Giant Flowered. (A). The newest in Snapdragons and a marked advance in size of bloom and brilliancy of color. Readily raised from seed in any sunny bed. Spring seedlings bloom by midsummer, and, if cut freely, the flowering is continuous until Fall. If then taken up, cut back, and potted, plants will bloom in the house during the Winter. One of the finest flowers for cutting. Our mixture is unexcelled. Pkt., 10c; ¼ oz., 30c.

BACHELOR'S BUTTON—CORNFLOWER (Centaurea cyanus). (A). This is among the most attractive of all hardy annuals and one of the most popular of the old-fashioned flowers.

Double Blue (Florists' Strain). Pkt., 5c; ¼ oz., 20c.

Double Mixed. Pkt., 5c; ¼ oz., 15c.



Bachelor's Button.

If you wish any sort of Flower Seed not listed here, ask us about it. If we do not have it, we can get it, or tell you where it may be procured.

BALLOON VINE. (A-C). Remarkable for the inflated appearance of its seed pods, and sometimes called "Love-in-a-Puff." The flower is insignificant, but the plant is a rapid and graceful climber. Pkt., 5c; oz., 25c.

BALSAM—LADY SLIPPER. Double Camellia-Flowered. (A). An old favorite. It likes hot sun, rich soil, and plenty of water. In return it will give its brilliant masses of beautiful double flowers in greatest profusion. All colors mixed. Pkt., 5c; ¼ oz., 20c.

BEANS. Scarlet Runner. (A-C). This old-time favorite is a rapid growing annual climber, reaching a height of 10 to 12 feet and bearing sprays of brilliant scarlet pealike blossoms. Pkt., 5c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 60c.

BEE BALM—SPIDER PLANT. (A). A very hardy native plant growing well in gumbo and alkali. Two to four feet high with spiderlike purple flowers in August. Pkt., 5c.

BOUNCING BET—SAPONARIA OFFICINALIS. (P). An old, hardy favorite of easy culture, growing 12 to 18 inches high with close ploxlike heads of white or pinkish white blooms. It blooms throughout most of the Summer. Pkt., 10c; ¼ oz., 20c.

CALENDULA—POT MARIGOLD. Orange King. (A). Ours is a deep orange, very double, large flower strain of this showy, hardy and most satisfactory plant. It grows anywhere and blooms from midsummer until frost. Pkt., 5c; ¼ oz., 20c.



Calendula.

CANDYTUFT. Giant White Hyacinth-Flowered. (A). A fine stock of this sturdy, compact, free-flowering border plant, with snowy white flowers. Pkt., 10c; ¼ oz., 20c.

CANDYTUFT. Giant Flowering Mixed. (A). This justly popular annual is of easiest culture and flowers profusely throughout the whole season. The flowers of our strain are nearly double the size of the old varieties and fairly cover the plants, which are useful in beds, pots or borders. Pkt., 5c; ½ oz., 20c.

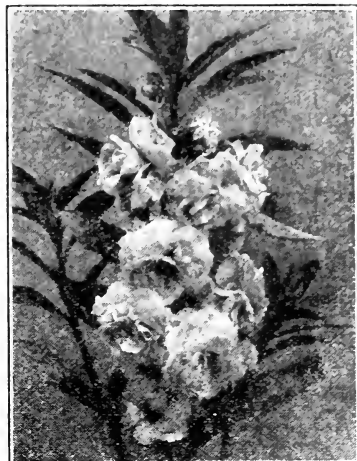
CELOSIA CHILDSI—CHINESE WOOLFLOWER. (A). The plants grow from 2 to 3 feet high with flower heads resembling bright colored, loose balls of wool. The red, pink and yellow blooms of our mixture start early and do not fade until frost. This is fine for mass planting or for growing along the driveway or next to the house. Pkt., 10c; ¼ oz., 40c.

CENTAUREA IMPERIALIS. Giant Sweet Sultan. (A). The finest of all Sweet Sultans for cut flowers. The large, sweet scented, graceful, thistle-like blooms are borne on long strong stems. Mixed. Pkt., 10c; ¼ oz., 25c.

CHINESE LANTERN PLANT—PHYSALIS FRANCHETI. (P). Produces lantern-like fruits that turn bright red when ripe. The stems should then be cut, the leaves stripped off, and the fruits will retain their color through the Winter. Pkt., 10c; ¼ oz., 40c.

CHRYSANTHEMUM CORONARIUM—FRENCH MARGUERITE. (A). These annual Chrysanthemums are altogether different from the large-flowered late varieties grown by florists. In cool, moist locations they grow easily from seed and flower freely. Excellent pot plants during the Spring months. Pkt., 5c; ½ oz., 20c.

CLARKIA. Double Mixed. (A). This popular hardy annual is easily grown with most beautiful results. One of the best for clay soils. Our mixture contains rosy purple, rose, salmon, and white. Pkt., 10; ¼ oz., 20c.



Double Camellia-Flowered Balsam.

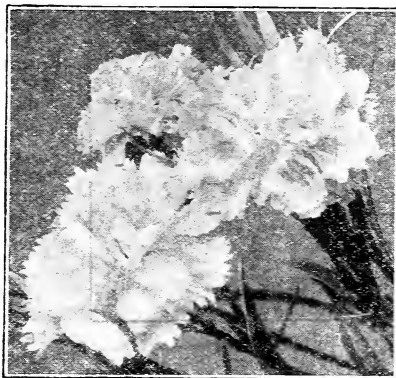
CALLIOPSIS—TICKSEED. (A). A showy and free-flowering annual, blooming all Summer and excellent for cutting and massing. We offer a mixture of the finest strains. Pkt., 5c; ¼ oz., 15c.

CANARY BIRD FLOWER. (A-C). A beautiful climber with a charming little canary-colored blossom bearing a slight resemblance to a bird with the wings half extended. Pkt., 5c; ½ oz., 20c.

CANNA. Crozy's Dwarf. (P-T). This is a large flowering French strain and ordinarily blooms the first year from seed. The tropical foliage is surrounded by spikes of bloom in glowing colors. Pkt., 10c; ½ oz., 25c.

CANTERBURY BELLS—CAMPANULA MEDIUM. Single Mixed. (B). The old-fashioned favorite, with its bell-like blooms, is easily grown from seed and one of the earliest and most attractive of the hardy border plants. Pkt., 5c; ¼ oz., 25c.

CARNATION. Dwarf Margaret. (P). Our mixed color strain of this general favorite will produce an abundance of fragrant double flowers. They are quite hardy, bloom 4 months from seed, and may be cut back and planted in pots for Winter blooming. With slight covering they will live out all Winter. Pkt., 10c; ¼ oz., 40c.



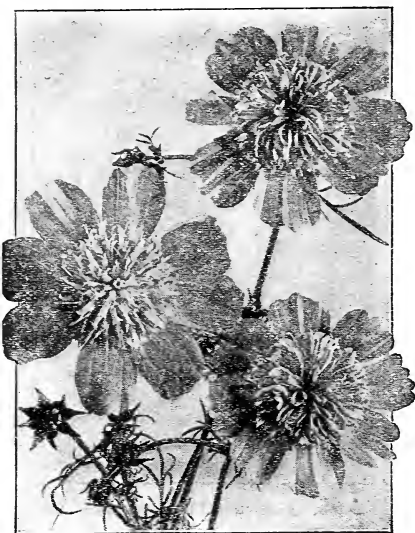
Carnation—Dwarf Marguerite.

CARNATION. Chabaud Mixed. (P). This reselected French sort blooms in five months from seed and from then on blooms indefinitely in wonderful profusion of splendid double flowers. Pkt., 10c; ¼ oz., 55c.

CATCHFLY. (A). A bright-colored, free-flowering annual, largely grown for Spring flowering and used in borders and rockwork. It succeeds in any light, loamy soil. Our mixture embraces the white, red and rose-flowering strains. Pkt., 5c; ¼ oz., 25c.



Giant Flowering Candytuft.



Double Crested Cosmos.

DAISIES

SHASTA. Alaska. (P). This hardy perennial can be grown out of doors anywhere with light Winter protection. The flowers are large with white, cream and yellow colored petals and small golden centers. We offer the choicest obtainable strain. Pkt., 10c; ¼ oz., 90c.

DOUBLE DAISY—BELLIS. (P). Dainty Spring flowering, shade-loving plants, suitable for borders and low beds. Pkt., 10c; ¼ oz., 40c.

AFRICAN DAISY. *Dimorphotheca Aurantiaca* Hybrids. (A). An easily grown, beautiful and extremely showy annual from South Africa. Plants grow about one foot high and enjoy a sunny location. This is one of the loveliest of flowers. Pkt., 10c; ¼ oz., 30c.

For Shasta Daisy Roots, See Page 84.

DIANTHUS. Chinese Pink. (A & P). Like its relative, the carnation, the Dianthus is supremely beautiful. Our mixture ranges from pure white to the most delicate pink and deep glowing crimson. It includes all the standard sorts and all the newest spotted, striped and handsomely fringed varieties. Pkt., 5c; ¼ oz., 20c.



Four O'Clock.

COBAEA SCANDENS. Cathedral Bells. (A-C). Very prolific and perfectly hardy. This is the most handsome and rapid growing of annual climbers. It is always clean of insects. The flowers are bell-shaped and very beautiful. Pkt., 10c; ¼ oz., 30c.

COSMOS

EARLY MAMMOTH FLOWERING SINGLE MIXED. (A). We offer a strain of Cosmos that comes into full bloom early enough to satisfy the wants of flower lovers in this section. The plants are easily raised and form large bushes, 4 to 5 feet tall, covered in late Summer with huge blossoms. A fine annual hedge. Pkt., 5c; ¼ oz., 20c.

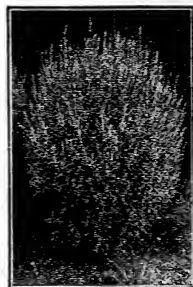
EARLY FLOWERING DOUBLE CRESTED MIXED. (A). This new class, sometimes called Anemone flowered, is the best of all Cosmos for cutting and one of the finest subjects for mass planting. Although this is a new variety, it comes practically true from seed, but a small percentage of single blooms must be expected. Pkt., 10c; ¼ oz., 60c.

WILD CUCUMBER. (A-C). The quickest growing climber we have. Thickly dotted with white flowers followed by ornamental and prickly seed pods. For Spring planting scald before sowing. Pkt., 5c; oz., 20c; ¼ lb., 55c.

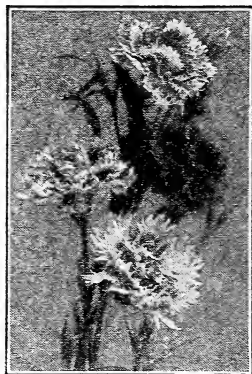
CYPRESS VINE. (A-C). A most beautiful climber with dark green fernlike foliage and mass of beautiful star-shaped flowers. Pkt., 5c; ½ oz., 25c.

SUMMER CYPRESS—BURNING BUSH. (A). A highly ornamental annual of very rapid growth which forms a pyramidal bush from 2 to 3 feet high, having a cypress-like appearance. The leaves are a light pea-green until September when they change to a carmine or bright red. Pkt., 5c; ½ oz., 15c.

DAHLIA, DOUBLE. A mixture of seeds from the best varieties. Pkt., 10c.



Summer Cypress.



Dianthus—Chinese Pink.

DIGITALIS—FOXGLOVE. (P). Easily grown perennial attaining a height of from 2 to 4 ft. and producing long spikes of beautiful tubular-shaped flowers. Pkt., 5c; ¼ oz., 25c.

FORGET-ME-NOT. (P). These charming little favorites succeed best in cool, moist soils, blooming most freely during the Spring and Fall months. If lightly covered, they will live through the Winter and will bear even more profusely the second Spring than the first. Pkt., 10c; ¼ oz., 40c.

FOUR O'CLOCK. Marvel of Peru. (A). A beautiful bushy, free-flowering old-fashioned favorite. The showy flowers open only in the afternoon or on cloudy days. A good annual hedge. Pkt., 5c; oz., 15c.

GERANIUM. (A). Sown early in the Spring, indoors, these are easily raised from seed and frequently reward the

cultivator with charming new colorings. In fact, propagation by seed is the only way to obtain new varieties. Our mixture is of the largest and finest strains. Pkt., 10c.

GOURDS. Ornamental Mixed. (A-C). A valuable class of annual climbers. The gourds are of various sizes and colors and if allowed to ripen on the vines, can be kept for months as curiosities. Pkt., 5c; oz., 25c.

GYPSOPHILA ELEGANS GRANDIFLORA ALBA—ANGEL'S BREATH. (A). An improved white flowering strain of the delicately graceful favorite so much in demand for cutting and in combination with other flowers. Pkt., 5c; ¼ oz., 15c.

HELIANTHUS. Chrysanthemum Flowered. (A). The best and most effective of all annual sunflowers. The flowers are immense, from 12 to 15 inches in diameter and extremely double. It is especially adapted for backgrounds and hiding unsightly places. Pkt., 5c; oz., 25c.

HELIANTHUS—MAMMOTH RUSSIAN SUNFLOWER. (A). This is the old-fashioned heavy seed producer. Single heads measure from 12 to 22 inches across and contain an immense quantity of seed valuable as a poultry and stock food. Pkt., 5c; 1 lb., 30c, postpaid. By express or freight, 10 lbs., \$1.50.

HELIOTROPE. (A-T). A universal favorite on account of its fragrance and beauty. Few realize that it can be raised from the seed as easily as the Verbena. Seed sown early indoors will insure a long period of bloom. Used both for bedding and pot plant. Pkt., 5c; ¼ oz., 65c.

HELICHRYSUM—EVERLASTING or STRAWFLOWER. (A). Much prized for durable bouquets and Winter decoration. To dry, gather flowers when partly unfolded and hang heads down in a cool place. Finest mixed. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

HOLLYHOCK. Pioneer Double Mixed. (P). Tall, stately, majestic, our strain of this old-fashioned favorite can not be improved upon. This is a perennial and will not bloom the first year unless planted indoors in March. Our mixture comprises all shades. Pkt., 10c; $\frac{1}{4}$ oz., 35c.



Helichrysum.

HOLLYHOCK. Bismarck Single Mixture. (P). Many prefer the single Hollyhocks to the doubles. The single sorts are slightly hardier, more vigorous and rust resistant. Our mixture will be found very satisfactory. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

HOLLYHOCK. Annual Double Finest Mixed. (A). If sown in open ground in May these will bloom in August. Earlier blooming may be obtained by starting indoors. Continuously covered by large flowers in variety of colors. Double and semi-double. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

For Hollyhock Roots, See Page 83.

ICE PLANT—MESEMBRYANTHEMUM CRYS-TALLINUM. (A). A trailing plant with singular icy foliage; most excellent for

vases, hanging baskets or rockwork. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

LARKSPUR—DELPHINIUM. Annual Tall Stock-Flowered Mixed. (A). The annual forms of Larkspur with their long, graceful spikes of bloom are valuable for borders and planting among shrubs. For early blooming, start indoors. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

LARKSPUR—DELPHINIUM. Perennial Finest Mixed. (P). Especially striking as backgrounds for borders, this quick-growing, free-flowering, old-fashioned perennial with its erect spikes of beautiful blossoms holds first rank. For blooms the first year, start indoors. Pkt., 10c; $\frac{1}{4}$ oz., 50c.



Mignonette.

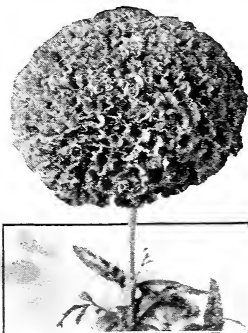
The blossoms are highly colored and very fragrant.

FINEST MIXED MORNING GLORY—CONVOLVULUS MAJOR. (A-C). A fine mixture of the old-fashioned, yet ever popular climber. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 45c.

JAPANESE MORNING GLORY—IPOMOEA IMPERIALIS. (A-C). The delicately colored flowers range from snow-white to black purple. Requiring a warm situation for best growth, the vines will frequently make 18 feet in a Summer. The leaves are extremely attractive in their variations. Pkt., 5c; oz., 20c; $\frac{1}{4}$ lb., 75c.

MARIGOLD. The Eldorado—Tall African Double. (A). The plants grow 2 $\frac{1}{2}$ feet high with large, double, imbricated flowers, from 3 to 4 inches in diameter. Our strain embraces four shades of colors; the lightest primrose, lemon, golden yellow, and deep orange. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

MARIGOLD. French Mixed. (A). A dwarf strain forming ball-like bushes 1 foot high, of quick growth and free-flowering habit. The double flowering sorts of our mixture include the most rich and beautiful colors. Pkt., 5c; $\frac{1}{4}$ oz., 15c.



Marigold.

NASTURTIUMS

WILL'S PIONEER BRAND DWARF MIXED NASTURTIUMS. (A). Our mixture is the best obtainable and very desirable for bedding, vases and pot plants. The seed should be planted in rows one to two feet apart, and when well started, thinned to 10 inches in the rows. The plants bloom freely and the flowers embrace every desirable color. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.

WILL'S SUPERB TALL MIXED NASTURTIUMS. (A-C). Our magnificent strain makes a strong growth of from 5 to 6 feet, flowering freely from Spring to Fall with large blooms of the most brilliant shades. These are remarkable for their wide range, embracing rose, salmon-pink, light yellow, deep orange, velvet maroon, and purple in clear color, as well as every conceivable fancy in stripe and blotch. We are justly proud of our selection, which we feel deserves a place in every garden. Pkt., 5c; oz., 15c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 60c; 1 lb., \$1.00.



Dwarf Mixed Nasturtiums.

FLOWER SEEDS—Continued.

NICOTIANA. Affinis Hybrids. (A). Our splendid hybrids give a profuse display of delightfully sweet-scented, showy, many shaded blooms from July until frost. The bushy plants are from 2 to 3 feet high. **Pkt., 10c; ¼ oz., 25c.**

PHLOX. Drummondii Grandiflora. (A). Of all Summer flowering annuals, Phlox Drummondii stands among the most brilliant and satisfactory. The trusses are large and well rounded, while the individual florets are as large as those of the perennial Phloxes. The colors we offer in our superb mixture are most distinct and brilliant. **Pkt., 10c; ¼ oz., 30c.**

PETUNIAS (A)

Culture. The greatest care should be taken in planting Petunia seeds. The covering of soil should not exceed one-sixteenth of an inch in depth and while the earth must be kept warm and moist, excessive moisture must be avoided.

PRIZE DOUBLE. Our large flowering, fringed strain is the best Double Petunia seed obtainable. At least 50 per cent of the plants produced will have double or semi-double blooms. The intensely careful work necessary in pollenizing and harvesting makes our seed worth its weight in gold. **Pkt., 20c; 2 pkts., 35c.**

HYBRIDA GRANDIFLORA. In this mixture will be found all the choicest and most beautiful single and semi-double flowers in cultivation. The colorings and markings are simply wonderful. Our seed is saved from strong, thrifty, free-flowering plants which show the richest colors and most striking markings. **Pkt., 10c; ¼ oz., 45c.**

ROSY MORN. A dwarf Petunia, dainty and effective for borders and window boxes. In color a soft carmine pink with white throat. **Pkt., 10c; ¼ oz., 75c.**

For Single and Double Petunia Plants, See Page 70.

PENTSTEMON GRANDIFLORA—BEARD TONGUE. (P). One of the most beautiful of our native perennial flowers and absolutely hardy. The plant grows 2 feet high, blooming in early July, with long spikes of large lavender, bell-shaped blossoms. Fine for cutting and color masses. **Pkt., 5c; ¼ oz., 20c.**



Prize Double Petunias.

PORTULACA — ROSE MOSS. (A).

A hardy dwarf annual of easy culture. It thrives anywhere and produces an abundance of brilliant blooms where almost any other plant would die. The flowers are rich and brilliant in coloring. Fine for beds, borders and rock planting.

Double Mixed. Pkt., 10c; ¼ oz., 80c.

Single Mixed. Pkt., 5c; ¼ oz., 20c.

PRIMROSE or PRIMULA. (T-A).

Japanese Primrose Mixture. Seed sown in April will make fine specimen plants which will begin to bloom in the Fall and continue through the Winter. Our mixture includes not only the choicest colors of the single flowering Primulae, but also selected seed from hybridized flowers, which will produce a number of double blooms. **Pkt., 10c.**

WILL'S PANSIES (P)

Culture. Pansies are the most popular of all flowers and everyone should grow a bed of this hardy group. Best results may be had by sowing seed indoors in February, transplanting when large enough, one inch apart, and then again to the open ground in May. The largest sized flowers can only be attained in rich soil. Manure from the cow stable is especially beneficial.

WILL'S ROYAL SHOW. We have spared neither care nor expense in our efforts to make Will's Royal Show Pansies the best mixture obtainable. The colorings and markings are diverse beyond belief. The blooms are all that can be desired in size and form. **Pkt., 15c; 2 pkts., 25c; ¼ oz., \$2.00.**

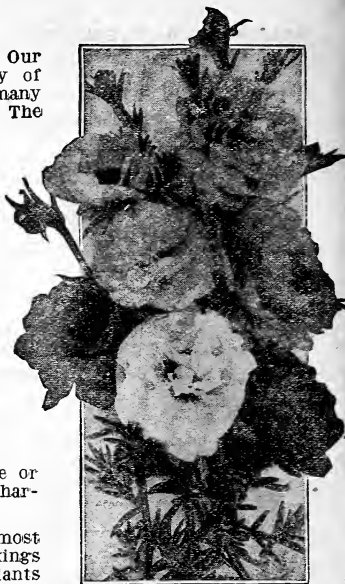
WILL'S PREMIUM MIXTURE. While not to be compared with the Royal Show, Will's Premium Mixture has large blooms in complete color range, and will please everyone who enjoys Pansies and can appreciate quality of color, shape, and substance. **Pkt., 5c; ¼ oz., 75c.**

BRONZE MASTODON. The best of Pansies in a beautiful bronze shade. **Pkt., 15c.**

For Pansy Plants, See Page 70.



Phlox Drummondii.



Double Portulaca.



Royal Show Pansies.

POPPIES (A)

MIXED CARNATION. This is the finest double mixture ever offered. It includes the most brilliant and delicately tinted sorts and a bed of this strain makes a truly gorgeous display. Pkt., 5c; $\frac{1}{2}$ oz., 15c.

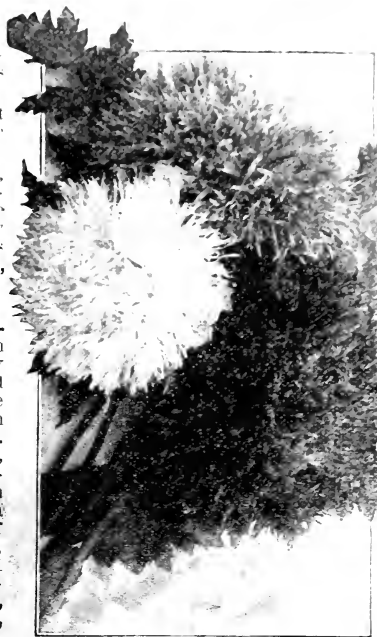
FLANDERS. Hardy and easily grown, the vivid scarlet-red flowers cannot be surpassed for effect when massed in solid beds. The official flower of the American Legion. Pkt., 10c; $\frac{1}{4}$ oz., 20c.

CALIFORNIA or ESCHSCHOLTZIA. Crimson, white and gold. A showy, free-flowering plant of low, spreading growth and finely divided silver-gray foliage. Seed should be sown thinly and early in the spring where plants are to bloom. Where a solid bed is desired, seed may be thinly broadcast and raked in. This is the most effective way of planting this gorgeous flower. We can supply separate colors in half ounces. Pkt., 10c; $\frac{1}{2}$ oz., 20c.



California Poppy—Eschscholtzia.

SHIRLEY POPPY. The strain is perfectly hardy and flowers the first season from seed. The large, graceful flowers range in color through all shades of rose, pink, carmine and brilliant crimson. Pkt., 10c; $\frac{1}{4}$ oz., 20c.



Carnation Poppy.

BLUE MAW POPPY. This seed is not intended for planting, but is used in cooking by the people of Central and Southeastern Europe, and quite largely by people from those districts who have settled in this country. $\frac{1}{4}$ lb., 15c; 1 lb., 40c, postpaid.

RICINUS—CASTOR BEANS. (A). Strong growing ornamental plants of stately growth, ornamental foliage, and brilliant colored fruit. Much used for center plants in beds and for massing. Pkt., 10c; oz., 20c; $\frac{1}{4}$ lb., 45c.

SALPIGLOSSIS. Superbissima or Emperor. "Velvet Flower or Painted Tongue." (A). A free-flowering annual succeeding best in cool, moist soils. The large flowers borne by plants of our mixture are most vividly spotted and striped on ground colors of deep blue, rose, velvet, yellow and reddish bronze. Pkt., 10c; $\frac{1}{4}$ oz., 30c.

SALVIA. Clara Bedman or Bonfire. (T-A). Its erect spikes of brilliant scarlet flowers make this one of the most handsome of Salvias. It makes a good pot plant and does well in window boxes, but is best used as a hedge or border plant for brilliant color effect. Pkt., 10c; $\frac{1}{4}$ oz., \$1.00.

SNOW-ON-THE-MOUNTAIN—EUPHORBIA VARIEGATA. (A). A bushy plant with insignificant flowers, but whose broad green leaves are heavily margined with silvery white, much used in mixed borders and as a background for lower growing plants. Pkt., 10c; $\frac{1}{4}$ oz., 25c.

STOCK. Dwarf Ten Weeks. (A). The large flower spikes are borne in great profusion. They are of beautiful coloring, rich fragrance, and excellent keeping quality. Our strain is of the best for bedding and early Summer flowering. Pkt., 10c; $\frac{1}{4}$ oz., 50c.

SWEET ROCKET—HESPERIS. (B). An old-fashioned plant growing 2 to 3 feet high, bearing spikes of showy fragrant flowers. Used for borders and cutting. Pkt., 10c; $\frac{1}{2}$ oz., 30c.



Scabiosa—Mourning Bride.

SCABIOSA—MOURNING BRIDE. (A). Our large flowering tall double sort forms compact, rounded plants of dark green foliage, 10 inches in height. The flowers are borne on tall, slender stems 20 inches in length and bloom from the middle of July to frost. Scabiosa is prized for cutting and much used for borders. Pkt., 5c; $\frac{1}{4}$ oz., 20c.

SHIZANTHUS—BUTTERFLY FLOWER. Wisetonensis. (A). One of the daintiest of annuals, of easiest culture, this very early bloomer is completely covered with small but bright butterfly-like flowers in wide range of color and bi-color. Pkt., 10c; $\frac{1}{4}$ oz., \$1.25.



Dwarf Ten Weeks Stocks.

SWEET WILLIAM. *Dianthus Barbatus.* (P). These make wonderful border plants, with heads of bloom of great size and wonderful beauty. If given proper care the plants will last many years although they may be easily raised from seed each season. Our mixture combines many rich and beautiful colors of this old favorite. **Pkt., 10c; ¼ oz., 20c.**

VERBENA HYBRIDA. *Mammoth Choice Mixed.* A most popular annual of many uses, bearing large clusters of showy flowers through a long season until frost. The colors of our mixture are rich and varied and include all the brighter shades. **Pkt., 10c; ¼ oz., 35c.**

ZINNIA. *Dahlia Flowered—Gold Medal Mixture.* (A). The Dahlia Flowered Strain is the biggest advance in the development of the Zinnia to date. This old-fashioned favorite is much used for bedding and borders and lately for cutting. Few flowers are more easily grown or bloom more abundantly. With this new strain you can have larger, handsomer, and more brilliant Zinnias than ever before. **Pkt., 10c; ¼ oz., 50c.**



Sweet William.

CHOICE MIXED SWEET PEAS

A Few Suggestions

The Sweet Pea plant or vine succeeds best in cool, moist, yet well drained soil. To secure the longest possible season of bloom the seed must be planted early. The best mode of planting is the trench method. The trench is dug two feet deep and two feet wide, and filled nearly to the surface of the ground with a mixture of well rotted manure and rich soil, with a six-inch layer of soil at the top. The seed should be sown, two inches deep, at the rate of one ounce to fifteen feet. During dry weather the ground should be thoroughly soaked once or twice each week. A light spraying of the vines in the evening during hot weather will be found beneficial, and the earth should at all times be kept loose about the plants to a depth of two inches. Sweet Peas should be cut early in the morning and the more closely the flowers are kept cut off the longer will be the period of bloom. Remember the vines quickly wither if allowed to produce any great amount of seed.



Dahlia-Flowered Zinnia.

WILL'S IMPERIAL MIXED SWEET PEAS. A blend of all the best Spencer Strains and the old, but ever popular, Grandiflora types. Every color of the rainbow in unlimited variety is represented in every possible combination; striped, blotched, mottled, and margined. **Pkt., 5c; oz., 10c; ¼ lb., 45c; ½ lb., 60c; 1 lb., \$1.00.**

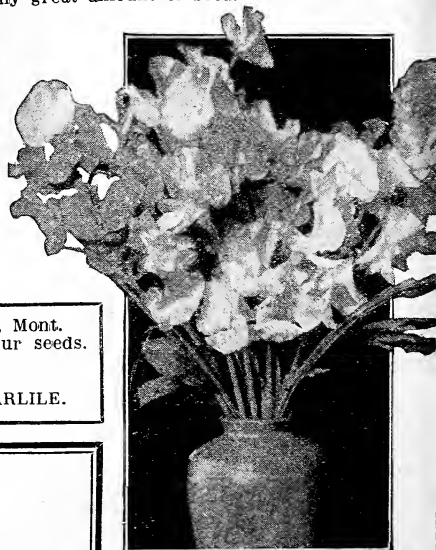
WILL'S GIANT SPENCER MIXED SWEET PEAS. A blend in proper proportions of many splendid varieties of the large waved Spencer or orchid-flowered type throughout the whole range of color. Not in bloom as early as the Early Flowering, this mixture will give stronger growth of vine and will bloom later. This mixture has involved careful selection and we highly recommend it. **Pkt., 10c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.05; 1 lb., \$2.00.**

Gt. Falls, Mont.

Seed received in perfect order. Always have fine returns from your seeds. Received 1st and 2nd prize on Sweet Pea Seeds.

Yours very truly,

THERESA B. CARLILE.



Will's Giant Spencer Sweet Peas.



**Treat Sweet Peas with
NITRAGIN**

Garden Size 25c, Postpaid—See Page 67.

WILL'S SWEET PEAS

EARLY FLOWERING SPENCER MIXTURE.

These bloom two weeks before the standard Spencer varieties, but with the same large, waved flowers. They have replaced the standard Spencers in greenhouse planting and, though they do not grow quite as tall, their earliness and long season of bloom make them invaluable in outdoor planting, particularly in the short season north. **Pkt., 10c; oz., 35c; 1/4 lb., 90c; 1/2 lb., \$1.65; 1 lb., \$3.00.**

Early Flowering
Spencer
Sweet Peas.

SUMMER FLOWERING SPENCER VARIETIES

These are the orchid-flowered or large waved Sweet Peas. We have endeavored to select for you the choicest and most beautiful varieties. About 100 seeds in a packet.

SPECIAL OFFER

One regular packet of each of the 14 varieties of Sweet Peas listed below, **\$1.00**. If purchased separately would cost \$1.40. Will sow 50 feet of row.

AUSTIN FREDERICK IMPROVED. The large pure lavender flowers are borne on long stiff stems with fours predominating. We regard this variety as the best lavender Sweet Pea. **Pkt., 10c; oz., 30c.**

AVALANCHE. A pure glistening white and the best white we know. **Pkt., 10c; oz., 30c; 1/4 lb., \$1.00.**

COMMANDER GODSALL. A free blooming deep violet-blue. **Pkt., 10c; oz., 30c.**

GUINEA GOLD. Bright, glowing orange on a gold ground. This variety was given an Award of Merit by the National Sweet Pea Society. **Pkt., 10c; oz., 35c.**

HAWLMARK PINK. One of the finest varieties now in cultivation. The color is a beautiful shade of rose-pink, shaded with salmon. The flowers are large, usually borne in fours on long stout stems. **Pkt., 10c; oz., 30c; 1/4 lb., 90c.**

HERCULES. This old favorite is a mammoth bright rose-pink, an especially vigorous grower and free bloomer. **Pkt., 10c; oz., 25c; 1/4 lb., 80c.**

ILLUMINATOR. A rich cerise-salmon; the flowers of this variety are uniformly large. **Pkt., 10c; oz., 25c.**

KING EDWARD. The old unsurpassed deep, rich crimson. Sunproof and a reliable bloomer. **Pkt., 10c; oz., 25c; 1/4 lb., 80c.**

MATCHLESS. An attractive deep shade of rich cream. **Pkt., 10c; oz., 30c.**

PICTURE. The color is a blend of cream and pink, with deeper shading on the wings. **Pkt., 10c; oz., 30c.**

ROYAL PURPLE. A rich warm purple, the best of its color. **Pkt., 10c; oz., 30c.**

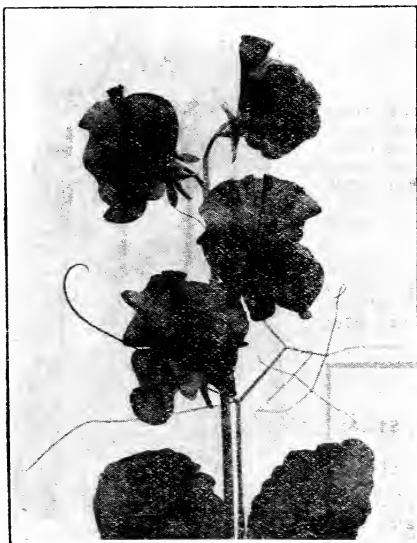
ROYAL SCOT. A brilliant orange-scarlet that does not fade or burn in the hottest sunshine. **Pkt., 10c; oz., 30c; 1/4 lb., 90c.**

WARRIOR. A rich chocolate-maroon shaded lightly with bronze, a free bloomer and strong grower. **Pkt., 10c; oz., 25c.**

WEDGEWOOD. A unique shade of light blue, borne most uniformly in four flower sprays. **Pkt., 10c; oz., 25c.**



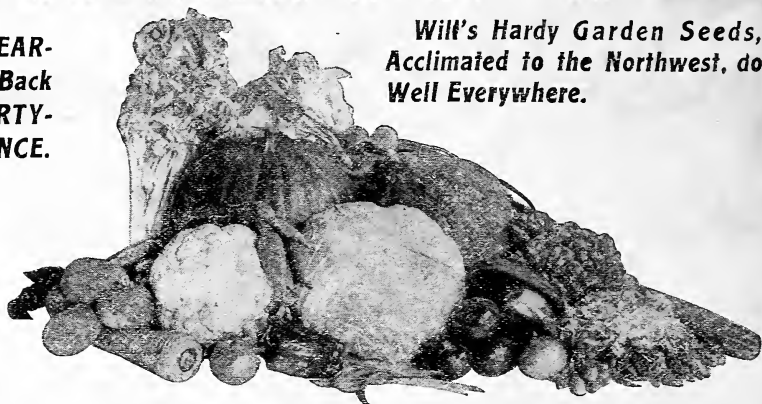
Guinea Gold.



King Edward, 1/3 Natural Size.

Will's Pioneer Vegetable Seeds Grow Quick

WILL'S SEEDS Stand for **EARLINESS** and **HARDINESS**. Back of **WILL'S SEEDS** Are **FORTY-SEVEN YEARS** of **EXPERIENCE**.



Will's Hardy Garden Seeds, Acclimated to the Northwest, do Well Everywhere.

Planting Table for Vegetables

St. of row for five persons	Kind of Vegetable	Dist. apart of plants in rows (in.)	Least Dist. betw. rows (inches)	Seed for 100 feet of row
200.....	*Beans—Dwarf, Snap.	2-5.....	20.....	2 lbs.
100.....	Beans—Dwarf, Lima.	6.....	20.....	2 lbs.
150.....	*Beets.....	2-4.....	18.....	2 ozs.
200.....	Cabbage.....	16-24.....	24.....	50-75 plants.
50.....	Cauliflower.....	16-24.....	24.....	50-75 plants.
50.....	*Carrot.....	2.....	18.....	1 oz.
50.....	Celery.....	4-8.....	18.....	200 plants.
500.....	*Corn, Sweet.....	16-36.....	30.....	1/4 lb.
100.....	Cucumber.....	4-8.....	Hills 48.....	1/2 oz.
25.....	Eggplant.....	20-30.....	24.....	50 plants.
150.....	*Lettuce.....	4-8.....	Beds 6.....	1/4 oz.
150.....	Muskmelon.....	Hills 72.....	72.....	1/2 oz.
300.....	Onions.....	4-6.....	14.....	1-3 oz.
200.....	Onions, from sets.....	2-3.....	16.....	3 pts. sets.
50.....	Parsnip.....	3-5.....	18.....	1/2 oz.
300.....	*Peas.....	3/4-1 1/2.....	30.....	2 lbs.
25.....	Peppers.....	16.....	24.....	20 plants.
800.....	Potatoes, Early.....	14-18.....	30.....	1/2 peck.
150.....	*Radish.....	1-2.....	16.....	1 oz.
200.....	*Spinach.....	1-3.....	18.....	1 oz.
25.....	Squash, Summer.....	Hills 42.....	42.....	1/2 oz.
100.....	*Tomato.....	30.....	36.....	40 plants
800.....	*Turnip.....	2-4.....	18.....	1/2 oz.

These vegetables marked * should not be planted at one time, but a part at intervals of 2 or 3 weeks to secure a continuous supply.

Please remember that the Garden Seed prices here quoted are by mail, postpaid to any address in the United States, unless otherwise noted. Prices of one pound or over subject to change.

For Our Leader Collection

15 Packets of Our Leading Varieties of Vegetables for 60c

See Page 3.

If you use large quantities of Garden Seeds, let us quote on your requirements.

Asparagus

Culture. One ounce will sow fifty feet of drill. Sow early in Spring in rows one foot apart; when one year old the roots may be taken up and transplanted in permanent beds, which should be made by taking out the soil to a depth of about 16 inches; fill in with six inches of well rotted stable manure, then six inches of soil somewhat firmed. Place the roots on the same about 10 inches apart with the roots well spread out, and cover so that the crown will be about four inches below the surface. Keep the surface well raked to keep down the weeds until the shoots appear.

WASHINGTON. The new rust resistant variety developed by the experts of the U. S. Department of Agriculture and which we believe will soon be grown to the exclusion of all other varieties. A very heavy yielding pedigreed strain; the rich, dark green stalks are long, thick and heavy. **Pkt., 10c; oz., 35c; 1/4 lb., \$1.20; 1 lb., \$3.25, postpaid.**

ASPARAGUS ROOTS

WASHINGTON (Rust Proof). Two-year-old roots. Per doz., 40c; 50, \$1.60; 100, \$3.00, postpaid. Not prepaid, 50, \$1.40; 100, \$2.75.

MARY WASHINGTON. This is the most perfect and heaviest bearing of the various Washington strains, originated by the U. S. Dept. of Agriculture, which have worked such a revolution in asparagus varieties. Two-year roots. Per doz., 60c; 50, \$1.75; 100, \$3.25, postpaid. Not prepaid, 50, \$1.60; 100, \$3.00.



Washington Asparagus.



Great Northern Baking Beans. Natural Size.

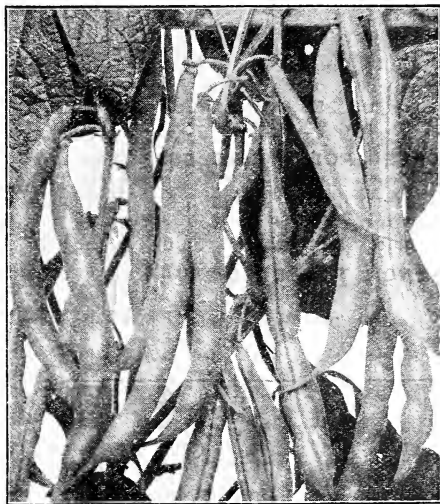
Will's Beans

Culture. Beans should not be planted until the ground is warm, as cold and wet weather will cause the seed to rot. For garden culture plant four or five seeds in hills one foot apart, and the rows 18 inches apart. For field culture make the rows three or three and one-half feet apart, and cover with two inches mellow soil. Do not hoe or cultivate while the plants are wet with dew or rain, as getting the leaves bespattered with earth causes rust, which injures the crop. Note that we are listing beans by weight instead of measure. One pound of beans is a little more than one pint.



FIELD BEANS

GREAT NORTHERN. The Most Delicious Baking Bean in the World. This hardest bean was originally obtained by us forty-four years ago from Son of a Star, an Hidatsa Indian, by whose tribe it had then been raised for many years. It is a wonderful yielder and one of the most profitable sorts that can be raised. Cooks in considerably shorter time than pea beans, is sweeter, more tender, and more readily digestible. Grown to the exclusion of all other varieties around Billings, the Bean center of the Northwest, now used in place of the navy because of superior quality by many of the leading canners of baked Beans, and last year adopted as the standard Bean for the United States Navy. It is the fourth most largely grown variety in the country. In 1926, the last year for which figures are available, 800,000 sacks of Great Northern Beans were grown in this country; and all from a small package of Beans given to Oscar H. Will by an Hidatsa Indian. Pkt., 5c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 32c; postpaid. By express or freight, 10 lbs., \$1.75; 100 lbs., \$14.00.



Great Northern Beans.

HIDATSA RED. A heavy yielder, hardy, drought resistant, and an excellent baking bean. The seed is similar to the Great Northern in shape, but is red in color. Originally obtained from one of the Ft. Berthold tribes. Pkt., 5c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 32c, postpaid. By express or freight, 10 lbs., \$1.75; 100 lbs., \$14.00.

ARIKARA YELLOW. An even better flavored bean than the Hidatsa, but not quite as heavy a yielder. It is named after one of the Ft. Berthold Indian tribes by whom it is much grown. Pkt., 5c; ¼ lb., 15c; ½ lb., 20c; 1 lb., 32c; postpaid. By express or freight, 10 lbs., \$1.75; 100 lbs., \$14.00.

Star Rt., Rudyard. Mont.
I have used your seeds for a number of years, and have always been well pleased with them. I think they are well adapted to our soil and climate. The germination is O. K.

W. S. VAN WECHEL.

Navajo, Mont.
We have used your seed for the last three years, and find them the best we have ever had for our climate.

MITT HATFIELD.



Green Pod Stringless Beans.

DWARF OR BUSH BEANS

Ask for Prices on Large Lots.

BOUNTIFUL. A favorite throughout the Northwest for its earliness, hardness, and productivity. The light green pods average 6 to 7 inches in length and are stringless, thick, flat, slightly fibrous, and of excellent quality, although not quite up to the Green Pod Stringless. Its hardness and yield under adverse conditions are its best qualities. **Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80.**

GREEN POD STRINGLESS. This most widely grown of all the green podded sorts is very early and of best quality. The dark green pods are round, straight, thick, meaty, strictly stringless and brittle. **Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80.**

PENCIL POD BLACK WAX. An old favorite sort, hardy, productive and of excellent flavor. Long, golden yellow pods, stringless and brittle. **Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.60.**



Pencil Pod Black Wax.



Bountiful.

NEW KIDNEY WAX. A productive and high quality midseason variety, stringless, fiberless, very fleshy and brittle. The flat pods average 6 ½ inches long and are an attractive, clear yellow in color. **Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.55; 10 lbs., \$2.90.**

UNRIVALLED WAX. An immensely productive, very early, showy sort. The fleshy pods are clear yellow in color, with a trace of string but quite fiberless. The plant is very vigorous. This is one of the best yellow podded varieties. **Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.80.**

Vida, Mont.
I have always liked your seeds so much.
MRS. JOE NORMAND.

Aurelia, N. D.
We have always been very much pleased
with your seed.
MRS. FRED SCHWEDE.

FOR BEANS USE

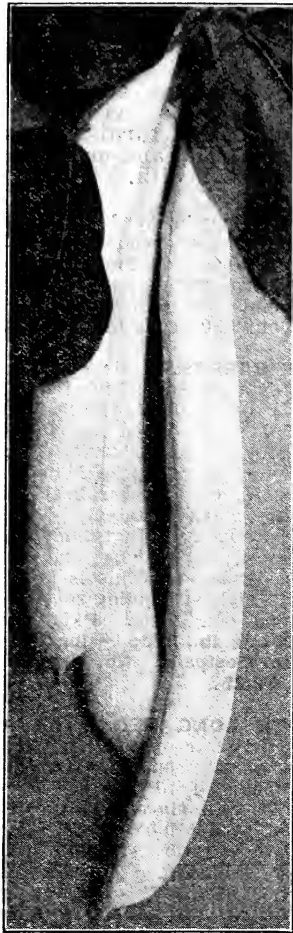
INOCULATE THIS SEED

AND IMPROVE YOUR YIELD AND PROTECT YOUR INVESTMENT

NITRAGIN

Barth and Harman Seed Company

See Page 67.



Sure Crop Stringless Wax.

DWARF OR BUSH BEANS—Continued.

SURE CROP STRINGLESS WAX. A heavy yielding and delicious wax bean. Very bushy with long flat yellow pods. Has been increasingly popular every year since its introduction. Absolutely stringless; very hardy; rust resistant with a very strong plant growth. An excellent main crop wax bean. **Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 23c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80.**

IMPROVED GOLDEN WAX. This is the very finest selected strain of the Golden Wax bean, and has for years been our most popular sort. It seems to be especially suited to Northwestern climatic conditions. The pods are large, fleshy, and entirely stringless. The color is a bright golden. A very early sort, and highly rust resistant. **Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 23c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50; 10 lbs., \$2.80.**

POLE BEANS

KENTUCKY WONDER WAX. The best pole wax bean for northern planting. The light yellow pods are 8 to 9 inches long, thick, very fleshy and brittle. This is one of the earliest of the pole sorts. **Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 42c, postpaid. Not prepaid, 5 lbs., \$1.50.**

KENTUCKY WONDER or OLD HOMESTEAD. The most popular green-podded climbing bean. The pods are 8 to 9 inches long, fleshy, curved, tender and of good quality. The old reliable. **Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.30.**



Improved Golden Wax.

BUSH LIMA

JACKSON WONDER. This small seeded, calico colored Lima is the earliest Lima Bean we have ever had in our trials and the most dependable for this section. **Pkt., 5c;**



Jackson Wonder Bush Lima.

1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.70.

FORDHOOK BUSH LIMA. One of the very earliest of all Limas. Pods of good length and contain from 4 to 5 large, thick, white beans. A wonderful producer and of excellent quality. **Pkt., 5c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 55c, postpaid. Not prepaid, 5 lbs., \$1.90.**

NEW WONDER. This is a standard variety in the Northwest. It is of compact growth and not inclined to runners as are many Bush Limas. The beans are broad, thin and flat. The flavor is delicate and the yield excellent. **Pkt., 5c; 1/4 lb., 15c; 1/2 lb., 25c; 1 lb., 47c, postpaid. Not prepaid, 5 lbs., \$1.70.**

ENGLISH OR BROAD BEANS

ENGLISH BROAD WINDSOR.

The broad bean is one of the common household vegetables in Great Britain and on the Continent of Europe, and is very much esteemed there. This is the heaviest cropping broad bean. Delicious either cooked fresh or as a Winter shell bean. **Pkt., 10c; 1/4 lb., 20c; 1/2 lb., 30c; 1 lb., 45c, postpaid.**

Calio, N. Dak.

I like your seeds the best of all houses and always have a nice garden since using your seeds.

MRS. AUGUST KORB.

Mylo, N. D., R. No. 1.

I have been a customer of yours ever since 1912, and can truthfully say your seeds are always reliable. Last year I sold \$160.00 worth of Cabbage, and had 27 bushels of onions, which I sold for \$2.40 a bushel. You can publish this if you wish.

MRS. ROBT. ARMSTRONG.

Mangels or Stock Beets



Taaroje Barres.

RED ECKENDORF. The Eckendorf Mangel is a phenomenal yielder and is more largely planted in Germany than any other sort. It is easily harvested as the root comes to the largest part above the ground. The roots are smooth, of cylindrical shape, and weigh from 15 to 25 pounds. The flesh is white, firm and of high nutritive value. This is one of the best varieties. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.**

GOLDEN GIANT. This is a yellow Mangel with white flesh, somewhat long with most of the roots above ground. It is especially notable as being the hardiest sort, withstanding much more severe weather conditions than any of the others. An excellent keeper and good producer, the roots under good conditions reaching tremendous size. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.**

GIANT HALF SUGAR ROSE. This is an intermediate type between the sugar beet and mangel, combines sugar content to a degree with the size of the mangel, thus improving the quality of the feed and maintaining the quantity. Rose colored skin, white flesh. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; 1 lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.**



Mammoth Long Red.

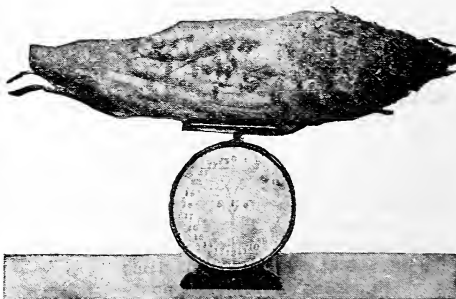
A necessity for stock and poultry. Mangels, with their enormous yields, furnish body building material and maintain general good health.

Culture. Sow in April and May in a deep, mellow seed bed, well manured, in drills 18 inches apart and about two inches deep. Four to six pounds are required to the acre. About 600 seeds in a packet.

TAAROJE BARRES. This superior variety is a product of the Danish system of stock certification which has produced so many wonderful improved varieties. Pound for pound these Mangels very nearly equal sugar beets in their dry matter content. They grow largely out of ground, are of a short, thick shape and are very easily lifted. This is probably the highest yielding sort under good conditions. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.**

MAMMOTH LONG RED. This is the heaviest cropping and the largest of all Mangels with frequent yields of 40 tons per acre. It grows well above the ground and is easily harvested. The deep red roots are straight, well formed and solid. The flesh is pinkish white. This variety is particularly adapted to a deep soil. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 65c, postpaid. Not prepaid, 5 lbs., \$2.40.**

GOLDEN TANKARD. A variety noted for its milk producing properties. The flesh is firm and solid and of a rich golden yellow color. It grows well above the ground and yields well on light soils. **Pkt., 5c; oz., 10c; ¼ lb., 20c; ½ lb., 35c; lb., 62c, postpaid. Not prepaid, 5 lbs., \$2.25.**



Golden Giant.

Sugar Beet

KLEIN WANZLEBEN. A hardy and easily grown white, wedge-shaped sugar beet. This variety combines heavy yield with an extremely high sugar content. The sugar beet is not only a source of sugar but an excellent stock food and a heavy milk producer. **Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$3.25.**

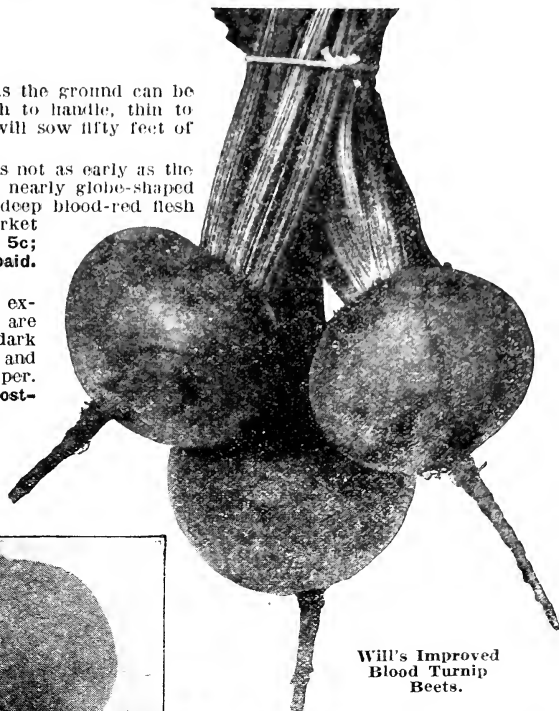
Beets

Culture. Sow in drills 15 to 18 inches apart as early as the ground can be worked in the Spring. When the plants are large enough to handle, thin to four or five inches apart in the row. One ounce of seed will sow fifty feet of drill; six pounds per acre. About 600 seeds in a packet.

EARLY WONDER. This selection from Crosby's Egyptian is not as early as the Will's Improved. The roots are very uniform and more nearly globe-shaped with very small top and tap root, dark red skin with deep blood-red flesh and very little zoning. A very popular variety with market gardeners and unexcelled for the home garden. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.75.

WILL'S IMPROVED BLOOD TURNIP BEET. This is an exceptionally fine strain of Crosby's Egyptian. The roots are somewhat flattened though globular and the skin a very dark red in color. The flesh is of a slightly lighter shade and lightly zoned. The best first early Beet and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.25.

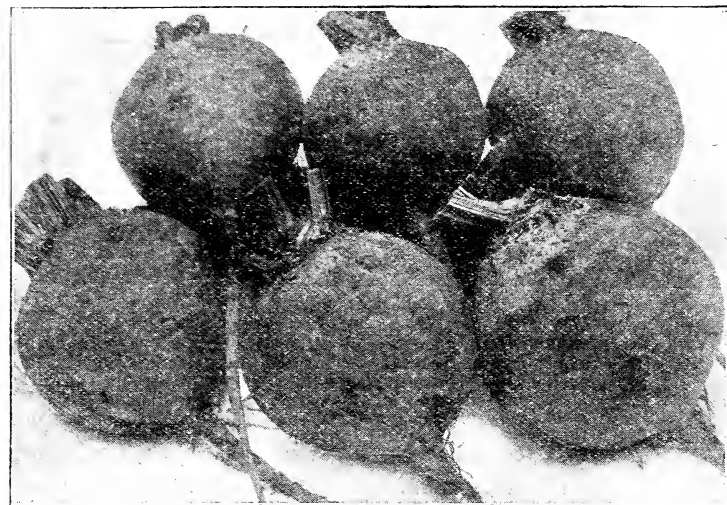
LONG SMOOTH BLOOD. Best of the long garden Beets; drought resistant, a very good keeper and grows until late in the Fall. Excellent for sod planting. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 82c, postpaid.



Will's Improved
Blood Turnip
Beets.

Change of Address

We shall appreciate notification by our customers of any change in address, as the edition of our year book is limited, and we want it to reach its proper destination.



Detroit Dark Red Beets.

DETROIT DARK RED. The best main crop Beet. The roots are smooth, medium size, globe-shaped. The skin is a dark blood red and the flesh is a solid vermilion-red with no zoning. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.10, postpaid. Not prepaid, 5 lbs., \$4.75.

ECLIPSE. A very early variety with round, bright red roots. The flesh is crimson with pinkish white zones, crisp and tender. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$4.25.

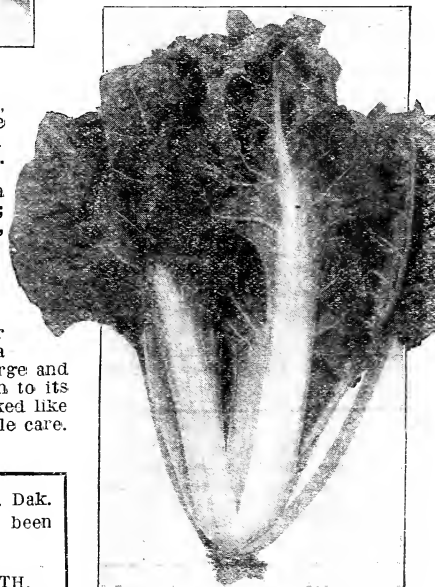
Swiss Chard

LUCULLUS. To our mind the best vegetable that can be raised for greens. The outside leaves are picked off and the plant yields a constant crop from July well into September. The leaves are very large and picking a mess of Swiss Chard for greens is short work. In addition to its value for rich greens, the broad white stems and midribs may be cooked like asparagus or used for pickles. Swiss Chard gives big returns with little care. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 40c; lb., 77c, postpaid.

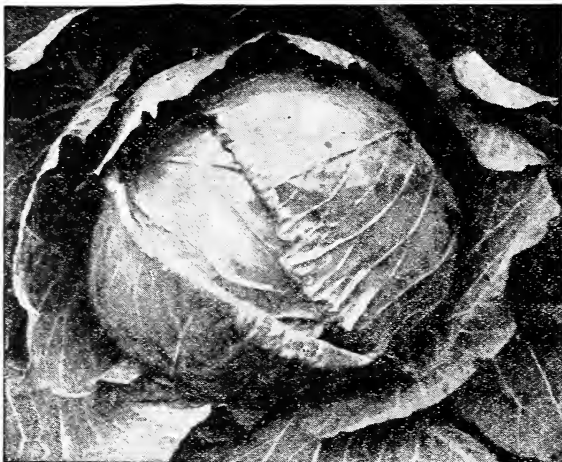
Forbes, N. Dak.

Am having splendid luck with my garden. All of the seeds have been purchased from you.

Respectfully,
ADOLPH SMITH.



Swiss Chard, Lucullus.

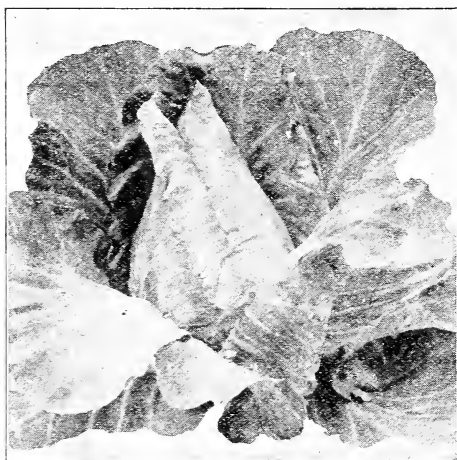


Copenhagen Market.

thick and smooth, heads averaging about 10 pounds. Our strain is absolutely the best obtainable. Pkt., 5c; oz., 30c; ¼ lb., \$1.05; ½ lb., \$2.10; 1 lb., \$4.00.

EARLY JERSEY WAKEFIELD. The most widely known and popular extra early variety. The conical heads are solid and the small outer leaves permit of close planting. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50.

HENDERSON'S EARLY SUMMER. Averaging double the size of Jersey Wakefield, this variety is but ten days later. The heads are somewhat flattened, compact and solid. Is one of the best large, second early sorts. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50.



Early Jersey Wakefield.

Hampden, N. D.
I have used your seeds for the past four years, and have found no seeds better.
I have also had the Ballhead Cabbage, and last year, one weighed 28 pounds, and the smallest one weighed 5½ pounds.

MRS. ORVILLE C. DAHL.

For Cabbage Plants, see page 71.

Cabbage

Culture. For very early use sow the seed in hot-bed or in boxes in the house. The best and hardest plants may be produced by sowing seed in cold frames outside after danger of hard freezing is past. Transplant in garden or field when weather will permit, 20 to 30 inches apart for the small, early varieties, and from 2½ to 3½ feet apart for the large, late sorts. Some recommend planting the seeds in the field, 3 or 4 seeds in a hill, and leaving the strongest plant. One ounce of seed will produce about 4000 plants. About 1000 seeds in a packet.

For early use we recommend especially Golden Acre and Copenhagen Market; for late use, Danish Ballhead.

EARLY VARIETIES

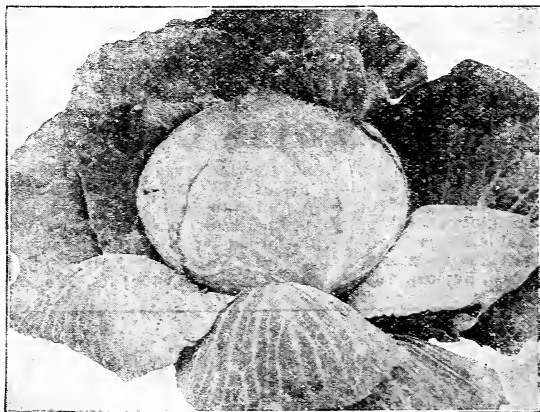
COPENHAGEN MARKET. This is in our opinion the heaviest yielding and best quality Cabbage that can be grown. A tremendous yielder of smooth, round, even sized heads, valuable for either extra early or main crop use. The plant is short-stemmed and compact, leaves medium light green,



Golden Acre.

GOLDEN ACRE. Earliest of All. This new Cabbage is of the Copenhagen Market type but ten days earlier, and is the earliest round-headed Cabbage. The plants are small, dwarf, and compact. The medium sized heads are round as balls, solid, very uniform and sweet. This Cabbage marks the biggest step since the introduction of Copenhagen Market. Pkt., 10c; oz., 40c; ¼ lb., \$1.50; ½ lb., \$2.90; 1 lb., \$5.60.

WILL'S EARLY JUNE. This is the earliest flat-headed Cabbage in cultivation. The head is solid and shapely, and forms early, making fair sized heads in from 60 to 70 days from seed. The plant is vigorous, drought resistant, and not subject to diseases, which makes it especially desirable for all parts of the Northwest. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50.



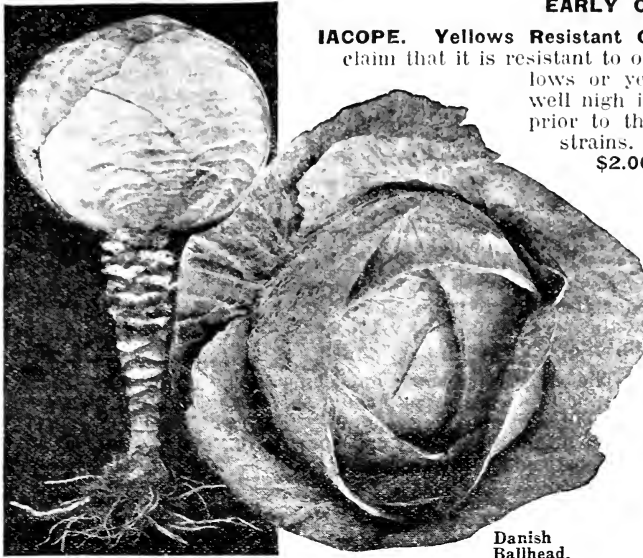
Will's Early June.

EARLY CABBAGE—Continued.

IACOPE. Yellows Resistant Copenhagen Market Cabbage. We do not claim that it is resistant to other diseases, but it will withstand the yellows or yellow rot that has made Cabbage growing well nigh impossible in some sections of this country prior to the development of this and other resistant strains. **Pkt., 15c; ½ oz., 30c; oz., 55c; ¼ lb., \$2.00; ½ lb., \$3.60; 1 lb., \$7.00.**

EARLY WINNIGSTADT. An old favorite; its hardness permits early planting. It is the hardest heading of any of the early Cabbages and is the surest cropper under adverse conditions. The heads are broad, pointed, and suffer less from the cabbage worm than most other sorts. **Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50.**

GLORY OF ENKHUIZEN. Next to the Copenhagen Market, this is perhaps the most universally popular Cabbage with both growers and users. It is later than the former, being intermediate between it and the Premium Flat Dutch. Plant is short-stemmed, heads large, round and very solid, with very few outer leaves. **Pkt., 5c; oz., 25c; ¼ lb., 85c; ½ lb., \$1.60; 1 lb., \$3.00.**



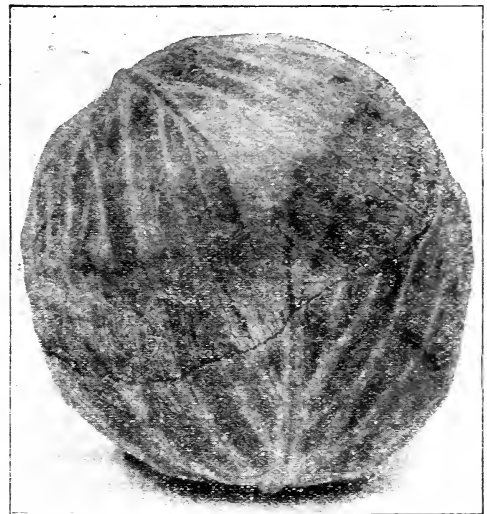
Danish
Ballhead.

LATE VARIETIES

DANISH BALLHEAD (Short Stem or Hollander). This variety is one of our specialties. It is one of the hardiest and the heads weigh more for their size than any other sort we have ever tried. The round, pale blue-green heads will average from 8 to 10 inches in diameter, crisp, tender and sweet, unexcelled for slaw and sauerkraut. While drought resistant, it will not rot in wet seasons. A great keeper and to our minds the best Cabbage. **Pkt., 5c; oz., 25c; ¼ lb., 85c; ½ lb., \$1.60; 1 lb., \$3.00.**

RED DRUMHEAD. The largest and best red Cabbage. A sure header, the heads are round, solid, and deep red in color to the center. **Pkt., 5c; oz., 25c; ¼ lb., 75c.**

WILL'S SELECTED PREMIUM FLAT DUTCH. The largest of the standard late varieties, low growing and a sure header. The flattened heads are bluish green, compact, of handsome appearance, and fine quality. Deservedly this is the most popular of the late flat-heading sorts. **Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.40.**

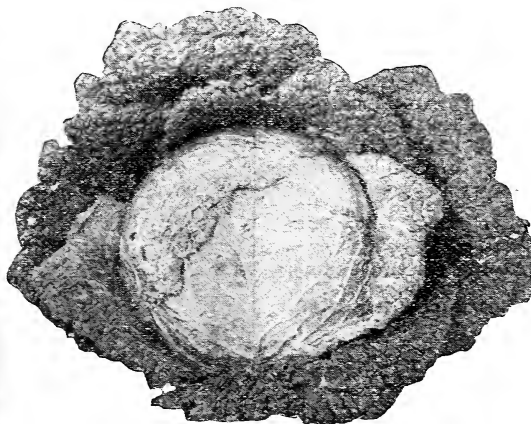


Will's Selected Premium Flat Dutch.

PERFECTION DRUMHEAD SAVOY. The Savoy's are of better quality than ordinary Cabbage and should be more generally grown. This is the best Winter keeper of the Savoy's with round, compact and solid dark green heads with coarsely crimped leaves. **Pkt., 10c; oz., 30c; ¼ lb., 95c; 1 lb., \$3.50.**

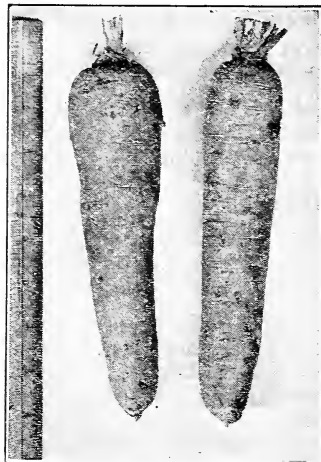
WHY BUGS LEAVE HOME

Prepare for Cabbage Worms by purchasing Garden Guard with your seed. See page 92. Dust as soon as you see white moths hovering over Cabbage.



Perfection Drumhead Savoy.

Valier, Mont.
The best Cabbage that I raised last year, from your seed. I could not weigh on a 25-lb. scale. They were so large and that was after the outer leaves were removed. The largest heads I did not try to weigh or save as they had burst. I have always found Will's seeds far superior to any others for a northern climate.
H. M. MASSIE.



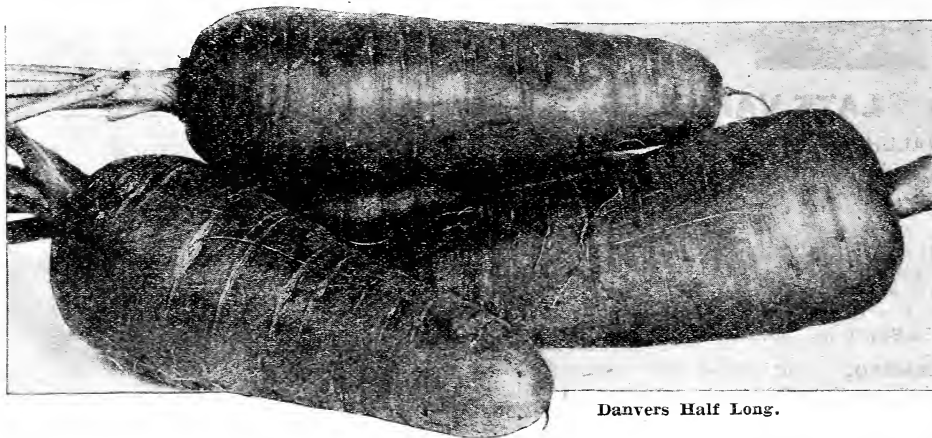
Pride of Denmark Carrots.

Will's Best Carrots

Culture. Carrots to grow to perfection require a deeply cultivated, rich and well pulverized soil. Sow early in the Spring as soon as the soil is fit to work, in drills 15 to 18 inches apart, cover one inch deep and press the soil firmly over the seed. If desired to cultivate with horse, make rows three feet apart. About 3000 seeds in a packet.

PRIDE OF DENMARK. A very productive and high quality carrot. The nearly coreless, deep orange roots are from 8 to 9 inches long, and nearly the same size throughout their entire length. The flesh is tender and of the finest quality. In our nursery plantings this variety has yielded the most even and best flavored carrots we have grown. In raising the seed of this Danish strain, every root is dug, inspected for trueness to type, and either rejected, or transplanted to produce the seed crop. Pkt., 10c; oz., 25c; ¼ lb., 80c; ½ lb., \$1.30; 1 lb., \$2.50, postpaid.

CORELESS. The most strikingly handsome early carrot we know. The deep orange roots are exceptionally smooth, cylindrical, 6 inches long by 1 ½ inches in diameter, and free from woody heart or core. This is worth a trial. Pkt., 10c; oz., 30c; ¼ lb., 90c; ½ lb., \$1.75; 1 lb., \$3.40, postpaid.



Danvers Half Long.

DANVERS HALF LONG. The best known second early half long sort, a great yielder and a first class carrot for all soils. The roots are smooth, from 6 to 8 inches long, tapering to a blunt point, a deep orange in color, with close texture flesh and little core. Although the roots are comparatively short, they yield as heavily as the large sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.

EARLY HORN. This very early stump rooted variety is fine grained and of agreeable flavor. It is a favorite for early Spring planting and table use. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; 1 lb., \$1.40, postpaid.

IMPROVED LONG ORANGE. An old standard sort, unusually desirable for either field or garden use. A medium early variety and a tremendous yielder, the roots penetrate deeply enough so that the plant will get moisture even in very dry weather, an important feature in the Northwest. The roots run about 12 inches long and 3 inches in diameter, flesh bright orange, smooth, sweet and fine-grained. A very good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

CHANTENAY or MODEL. This is an excellent medium early half-long, stump rooted variety. The roots are smooth and are from 5 to 6 inches long, with rich orange-red flesh of the finest quality. It is a great favorite with the market gardeners. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 95c, postpaid. Not prepaid, 5 lbs., \$4.00.

FRENCH FORCING. The earliest variety, used largely for forcing. The tops are small and the roots almost round and about 2 ½ inches in diameter, orange-red in color. Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 80c; 1 lb., \$1.40, postpaid.

MASTODON or GIANT WHITE. The stock carrot is one of our best feed crops. It is a remarkably efficient feed for all domestic animals, but especially good for horses. This is the best of the white varieties and the heaviest cropper. The roots are about 8 inches long and 3 inches through at the shoulder. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; 1 lb., 80c, postpaid. Not prepaid, 5 lbs., \$3.15.

McLaughlin, S. D.

Have bought plants, fruit trees, shade trees, etc., from you now for more than 25 years and always been satisfied.

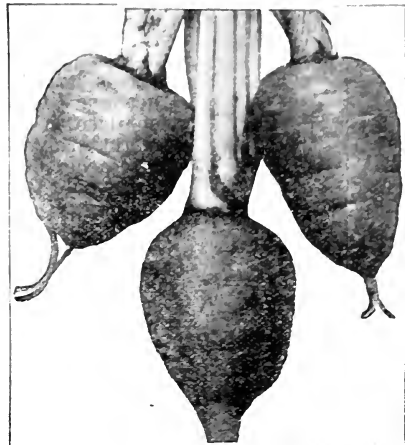
S. J. HAGG.



Chantenay Carrots.

CARROTS—Continued.

OXHEART or GUERANDE. One of the most valuable and popular varieties. When fully grown the type is about 5½ inches long, 3½ inches thick at the shoulder and about 2 inches thick at the bottom. With bright orange flesh, fine grained and sweet, it is of fine quality for table use and equally good for stock. It is very easily dug or pulled and is probably our heaviest yielding carrot. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid. Not prepaid, 5 lbs., \$3.75.**



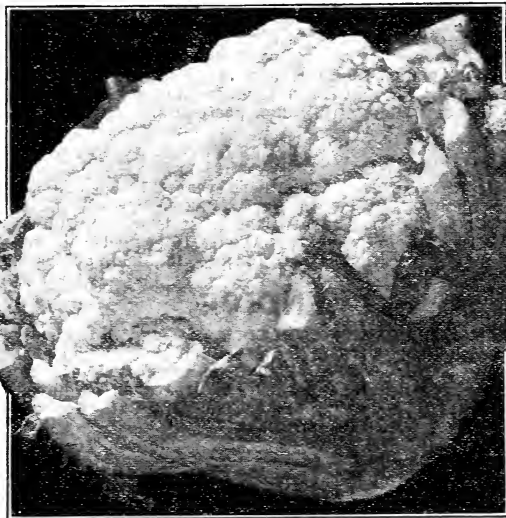
Oxheart Carrots.

Cauliflower

One of the Most Profitable Crops for Market and Small Gardeners

Culture. Cauliflower culture is practically the same as that of cabbage. One ounce of seed will produce about 4,000 plants. Seed is started in cold frame and plants set in field during May or early in June. In spite of the general belief, cauliflower is nearly as easy to raise as cabbage. Our pedigreed Danish cauliflower seed is the best you can buy anywhere. About 240 seeds to a packet.

SNOWBALL. The most productive early variety that can be grown and very popular with those who grow for the market. This is the earliest Cauliflower we list and has given us exceptional results in our own plantings. The uniform, medium sized heads are pure white and of the finest quality. **Pkt., 10c; oz., \$2.00; ¼ lb., \$7.50.**



Danish Perfection Cauliflower.

DANISH PERFECTION. This is not quite as early as our extra early strain of Snowball, maturing a week or ten days later. This sort develops heavier foliage than the Snowball, making better protection for the heads. The heads are very firm, solid, and snow white. This is a sure header. **Pkt., 10c; oz., \$2.00; ¼ lb., \$7.50.**

LARGE EARLY ERFURT. One of the leading varieties for market and private use. For reliability of heading, size and solidity of head, it has no superior. The plants are dwarf, and while the outer leaves are erect, the inner ones lap over the heads, fully shading them from the sun and preserving them a beautiful snowy white. **Pkt., 10c; oz., \$1.60; ¼ lb., \$6.00.**

DRY WEATHER or DANISH GIANT. This variety is two weeks later than our strain of Snowball, of heavier growth, with larger heads. It will stand more hot dry weather than any other sort of its season. **Pkt., 10c; oz., \$2.00; ¼ lb., \$7.00.**

For Cauliflower Plants, See Page 72.

Try Superphosphate for Earlier Cauliflower. (See page 94).

Have used your seed for number of years, and find them fine. Coming here from Montana in 1927, and last year had four acres of truck garden, and bought all of our seed from you.

R. 2, Crown Point, Ind.
MRS. WALTER MEYER.

BRUSSELS SPROUTS

PARIS MARKET. This is by far the most delicately flavored of the cabbage family. Our strain is of half dwarf growth, bearing handsome, solid, round sprouts of best quality crowded together on the stalks. **Pkt., 10c; oz., 20c; ¼ lb., 70c; 1 lb., \$2.40, postpaid.**

BORECOLE or KALE

GREEN CURLED or SCOTCH. This is more hardy than cabbage and makes excellent greens for Fall and early Spring. A good frost improves the quality. About 1300 seeds to the packet. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 55c; 1 lb., \$1.00, postpaid.**



Brussels Sprouts.

BROCCOLI

ST. VALENTINE. Broccoli is practically a late Cauliflower though much hardier and of less delicate flavor. Our strain is the best American grown. Grown extensively in the Pacific Northwest for shipment to eastern markets when their homegrown crop of Cauliflower is exhausted. **Pkt., 10c; oz., \$2.00.**

CHERVIL

CURLED. More handsome and finely curled than parsley and useful in garnishing. Our strain is very early and finely flavored. **Pkt., 10c; oz., 20c; ¼ lb., 60c; 1 lb., \$2.00, postpaid.**

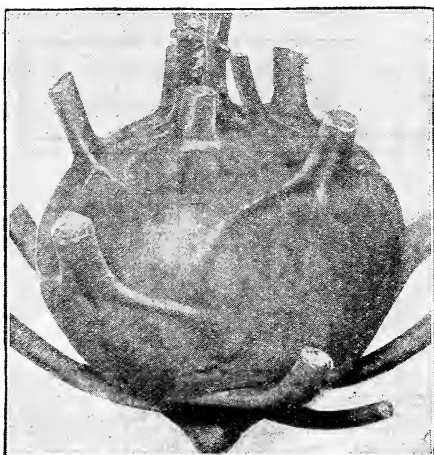


Chi-li
Chinese Cabbage.

GOURDS

NEST EGG. Resembling in color, shape and size the hen's egg. Do not crack, last for years, and make the best nest eggs. Rapid grower and useful in covering screens, etc. About 100 seeds to the packet. **Pkt., 5c; oz., 20c; ¼ lb., 70c, postpaid.**

NEW JAPANESE DISHCLOTH or LUFFA. Ornamental enough for a house vine and fruit is very useful. Fruit enormous, two feet in length and borne in great profusion. The lining of mature fruit, when washed and bleached, is porous, elastic and sponge-like, besides being useful for various articles of fancy work. **Pkt., 5c; oz., 25c; ¼ lb., 70c, postpaid.**



Kohl-rabi.

Chinese Cabbage

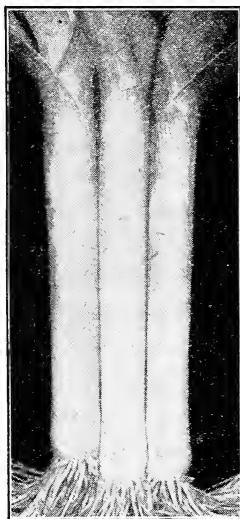
CHI-LI—SUREHEAD STRAIN. This is the earliest, the surest header, and withstands heat better than any other strain of Chinese Cabbage. The cylindrical heads are from 20 inches to 2 feet in length, solid and white. Best results are obtained in this section by planting about June 20th. In a planting near Bismarck many of these heads weighed from 5 to 6 pounds. This vegetable is rapidly increasing in popularity. It is an excellent salad plant, and fine when boiled as you would Cabbage. **Pkt., 10c; oz., 50c; ¼ lb., \$1.50, postpaid.**

CHICORY

LARGE ROOTED or COFFEE. The roots, dried, cut in thin slices, roasted and ground, are used largely as a substitute for coffee. The leaves make an excellent salad for early Spring use. About 2000 seeds to the packet. **Pkt., 5c; oz., 15c; ¼ lb., 50c, postpaid.**

CHIVES

SNITTITLAUCH (Grass Onion). The perennial plants grow about ten inches high and the tops, which may be cut frequently, are used in salads and for flavoring soups and stews. About 1200 seeds to the packet. **Pkt., 10c; oz., 50c.**



Leek.

CORN SALAD

LARGE ROUND-LEAVED. This is a small, quick growing salad plant for late Fall or early Spring. It may also be cooked for greens. About 300 seeds to the packet. **Pkt., 5c; oz., 20c; ¼ lb., 70c, postpaid.**

CRESS

UPLAND. Its leaves impart an agreeable and pungent taste to salads, and are also used for garnishing. About 1700 seeds to the packet. **Pkt., 5c; oz., 20c; ¼ lb., 65c, postpaid.**

OKRA

DWARF GREEN. A southern vegetable that is not difficult to raise in North Dakota. Start plants inside and transplant after frost is over. This is the earliest variety. About 100 seeds to the packet. **Pkt., 5c; oz., 10c; ¼ lb., 25c, postpaid.**

ENDIVE

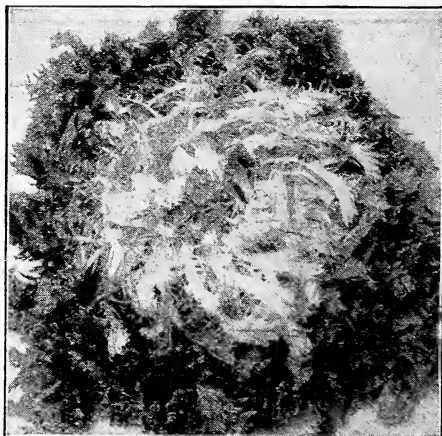
MAMMOTH GREEN CURLED. The standard variety with finely divided leaves which give the plant a mossy appearance. Endive is coming rapidly into favor for greens because of its excellent flavor. About 1400 seeds to the packet. **Pkt., 5c; oz., 15c; ¼ lb., 45c, postpaid.**

LEEK

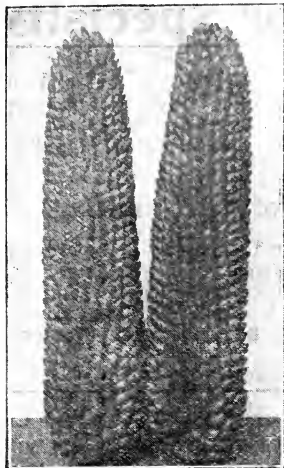
LARGE LONDON OR FLAG. Sow early in a bed. When 6 inches high, trim off tops and transplant in rows 4 inches apart. About 1200 seeds to the pkt. **Pkt., 10c; oz., 20c; ¼ lb., 75c, postpaid.**

KOHL-RABI

EARLY WHITE VIENNA. This best Kohl-rabi for table use is extra early and easily grown. The very light green or nearly white bulbs are firm and distinctly sweet, and when cooked are crisp, tender and most delicate and tasty. **Pkt., 5c; oz., 20c; ¼ lb., 70c.**



Endive.



Iriquois Pop Corn.

earliest type. No other will be paid. By express or freight, 10 lbs., \$1.25.

Pop Corn

About 200 seeds to the packet.

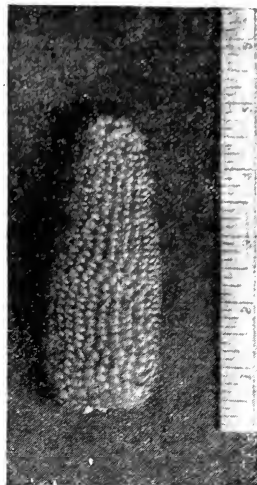
JAPANESE HULLESS. Of wonderful popping quality, this variety sells at a premium over other sorts and is the only kind to plant if you raise pop corn to sell. The ordinary strains are too late for this section, but our own early strain has ripened here for the past eight years. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 80c.

IRIQUOIS. This is a variety of the rice type, obtained from the Iriquois Indians of New York several years ago. It has proved much earlier than the ordinary White Rice and a good yielder as well. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; 1 lb., 32c, postpaid. Not prepaid, 5 lbs., 80c.

GOLDEN TOM THUMB. This is the very earliest variety of Pop Corn grown, and so is exceptionally valuable in the Northwest. Not a heavy yielder and the ears are small, but the quality is excellent and it never fails. Pkt., 5c; ¼ lb., 15c; ½ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., 95c.

WHITE RICE. Pearly white, rice-shaped kernels.

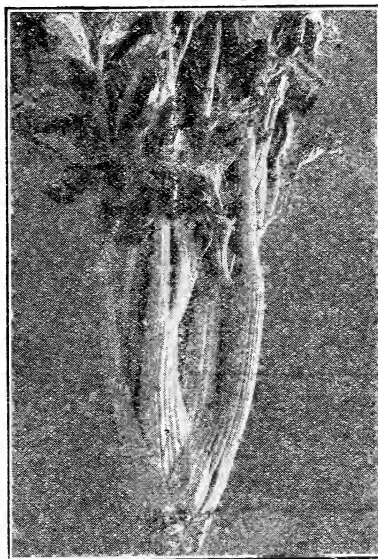
We furnish only northern grown seed of the Northwest. Pkt., 5c; ¼ lb., 10c; ½ lb., 20c; 1 lb., 32c, postpaid.



Japanese Hulless Pop Corn.

Culture. Sow the seed (which is slow to germinate) in shallow boxes in the house early in the Spring. One-eighth inch of soil to cover is sufficient. Transplant to open ground in June or July. Set plants in rows 3 feet apart and 5 inches apart in the rows, in ground thoroughly enriched and cultivated. Until middle of August plants need nothing but water and cultivation. Earthing up may then begin and continue as long as the plants grow. At approach of severe freezing weather plants should be dug and may be stored in a dark, cool cellar, standing upright with the roots in a little moist sand. About 7,000 seeds to the packet.

Celery



Golden Plume Celery.

GOLDEN PLUME or WONDERFUL. This selection from Golden Self Blanching has the crispness and nuttiness of that variety, but is earlier, larger and of ranker growth, and blanches more quickly. It is apparently most resistant to rust and disease and withstands heat better. Not a Winter keeper. It is a beautiful gold in color, brittle and of highest table quality. Pkt., 15c; oz., \$1.25; ¼ lb., \$4.00, postpaid.

WHITE PLUME. One of the earliest varieties and most easily blanched. While not a very good keeper, it is one of the best sorts for Fall and early Winter. It grows rapidly and blanches readily during the Summer. In fact the inner part of the stalk really needs no blanching at all, though the outer leaves are made more tender by it. Pkt., 5c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.30; 1 lb., \$2.50, postpaid.

GOLDEN SELF-BLANCHING CELERY. This is one of the best sorts to plant for the market. It is not quite so early as White Plume but the plants are heavier and of more compact growth. Like White Plume, too, it is self-blanching, but the color is a richer golden yellow. Nearly stringless, the stalks are thick, crisp and brittle, while for flavor this sort is unsurpassed.

Pkt., 10c; oz., 30c; ¼ lb., \$1.10; ½ lb., \$2.10; 1 lb., \$4.00, postpaid.

GIANT PASCAL. A compact, vigorous sort, a good keeper and one of the best varieties for Fall and Winter. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.15; 1 lb., \$2.25, postpaid.

WINTER QUEEN. A very solid and crisp variety with double the amount of heart of any known celery. One of the very best keeping varieties. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.15; 1 lb., \$2.25, postpaid.

For Celery Plants, See Page 71.

CELERIAC or TURNIP-ROOTED CELERY. This is a celery of which only the root is used. Should be planted like other celery, but need not be banked. An excellent vegetable for use in soups, stews and sauces, as it imparts a delicious flavor. Is good boiled separately. Pkt., 5c; oz., 20c; ¼ lb., 50c, postpaid.



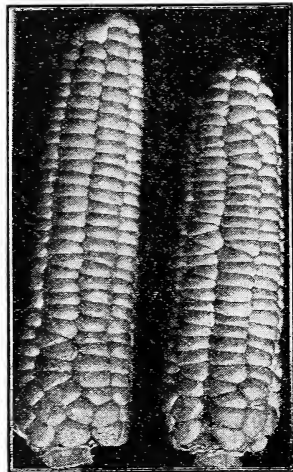
Celeriac or Turnip-rooted Celery.



Golden Self-Blanching Celery.

Our Specialty Sweet Corn Our Specialty

Culture. Plant in drills about three feet apart, one kernel every six inches, or in hills $2\frac{1}{2}$ feet apart in the row, and the rows 3 to $3\frac{1}{2}$ feet apart, dropping four or five kernels in a hill. Sweet Corn of any sort should not be planted until the ground has become warm, as cold, wet ground is sure to rot the seed before it can germinate. One-fourth pound to 100 hills; 10 pounds per acre. One pound of Sweet Corn is a little more than a pint.



Will's Early June.

Squaw Corn of Canada. The flour Corns are nearly equal to Sweet Corn in flavor, so that with long, handsome ears and extreme earliness this is a very valuable variety. **Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 32c, postpaid. Not prepaid, 5 lbs., 70c; 10 lbs., \$1.30; 50 lbs., \$5.50; 100 lbs., \$9.00.**

WILL'S EARLY JUNE (Registered U. S. Patent Office). **The Earliest White Sweet Corn.** A very dwarf and amazingly early variety bred by us for a short season, and a true and delicious Sweet Corn. The white, eight-rowed ears are from $4\frac{1}{2}$ to 6 inches long. **Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; lb., 32c, postpaid. Not prepaid, 5 lbs., 75c; 10 lbs., \$1.40; 50 lbs., \$6.75; 100 lbs., \$13.00.**

Alamo, N. Dak.

I raise wonderful gardens from the seed I buy from you. Had so much Sweet Corn last year I couldn't use all of it.

Sincerely yours,

MRS. WM. HASSELSTROM.

SUNSHINE. A golden cross developed by Professor A. F. Yeager of the North Dakota Experiment Station, with twelve-rowed ears, seven to eight inches long. In our plantings, ten days earlier than the earliest strain of Golden Bantam and much larger, this is the closest to the Bantam in quality of any of the golden crosses. A great Corn for the home garden and one the market gardener needs. **Pkt., 5c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.00; 50 lbs., \$8.50; 100 lbs., \$16.00.**

Des Lacs, N. D., R. No. 1.

We have had wonderful success with your seeds. Had Sunshine Sweet Corn, the best we have ever tasted in North Dakota. You may use this letter if you wish.

CLARENCE WEEKS.

Varieties Listed in Order of Earliness

EARLY PICKANINNY. A new introduction from the Canadian Experiment Station, and we believe it to be the earliest Sweet Corn in existence; a week earlier than our Early June, though the ears are smaller and the color—black—not so desirable for market. A wonderful home garden sort. **Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; lb., 50c, postpaid. Not prepaid, 5 lbs., \$1.75; 10 lbs., \$3.00.**

Manhattan, Mont., R. No. 1.

We were delighted with your Pickaninny Sweet Corn. Our friends all claimed with us that it was the best early Corn they ever tasted. I am going to plant it again this year.

MRS. RICH HEISKELL.

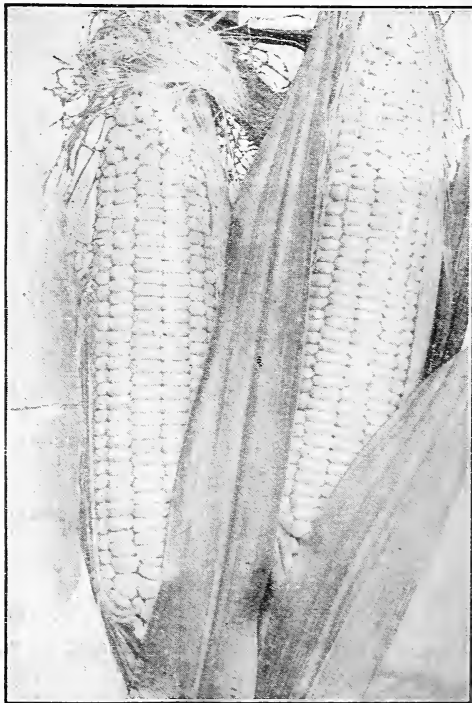
BANTING. The earliest yellow Sweet Corn, developed in Canada. A few days later than Pickaninny; the ears are about 5 inches long. **Pkt., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 35c; lb., 60c, postpaid, 5 lbs., \$2.00; 10 lbs., \$3.50.**

YELLOW ASSINIBOINE. Not a Sweet Corn, but an eight-rowed flour Corn bred by us from the Assiniboine

Try Super Phosphate

For Earliest Sweet Corn.

See page 97.



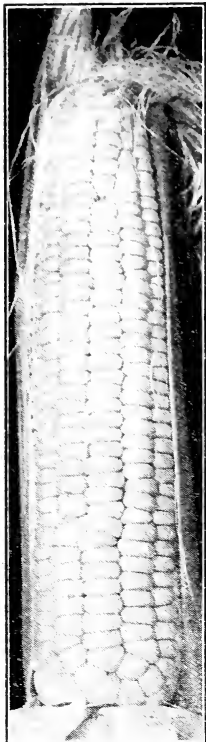
Sunshine.

SWEET CORN—Cont'd.

IMPROVED EARLY DAKOTA. This northern grown selection of Mammoth White Cory comes in after Sunshine. Combining size with earliness, it is the largest of the extra early sorts and one of the best. The white ears are 10- to 12-rowed, 7 to 8 inches long, borne two to a stalk. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$8.00; 100 lbs., \$15.50.

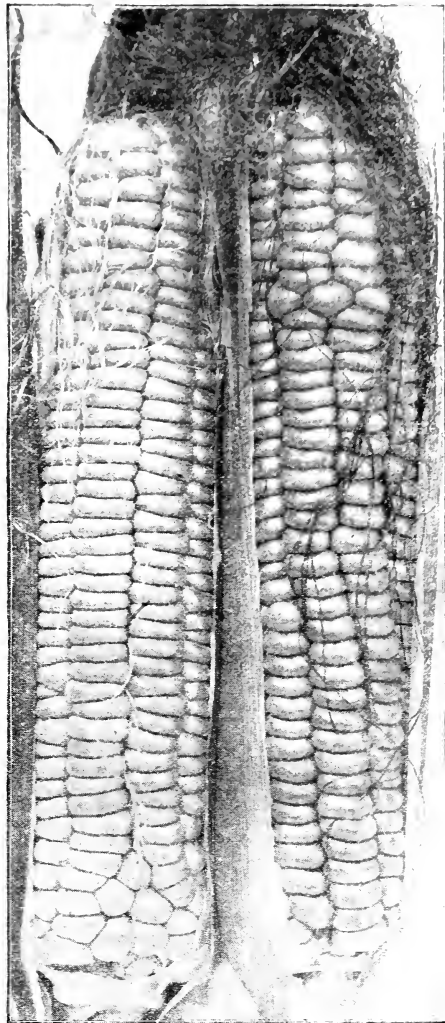
GOLDEN BANTAM. The finest Sweet Corn in cultivation and the most popular. It is the sweetest and tenderest, a heavy producer, and the ears remain edible for an unusually long time. Our Burleigh and Morton County grown seed is as good as the best. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; lb., 32c, postpaid. Not prepaid, 5 lbs., 80c; 10 lbs., \$1.50; 50 lbs., \$6.50; 100 lbs., \$12.00.

Gettysburg, S. D., Star R. R.
Have used your seeds for
three years, and find them entire-
ly satisfactory. Your Tomatoes
and Sweet Corn can't be beat.
H. L. OHLSEN.



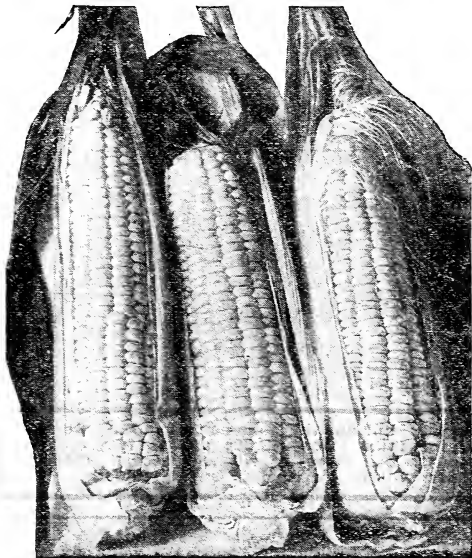
Improved
Early Dakota.

WILL'S BANANA CREAM. This medium late variety follows Golden Bantam and was first introduced by us in 1897. It is an unusually delicious table Corn with large well filled ears, which remain fit for table use longer than those of any other variety we have ever tasted. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; lb., 32c, postpaid. Not prepaid, 5 lbs., 85c; 10 lbs., \$1.60; 50 lbs., \$7.25; 100 lbs., \$14.00.



Golden Bantam.

STOWELL'S EVERGREEN. This old reliable, late, tall growing sort is perhaps the great standard main crop. The ears are large, usually 16-rowed, with very sweet, deep white kernels. Besides its table uses the rank fodder that characterizes this variety makes it extremely valuable for the dairy herd. Pkt., 5c; ¼ lb., 15c; ½ lb., 22c; lb., 35c, postpaid. Not prepaid, 5 lbs., \$1.00; 10 lbs., \$1.75; 50 lbs., \$7.75; 100 lbs., \$15.00.



Stowell's Evergreen.

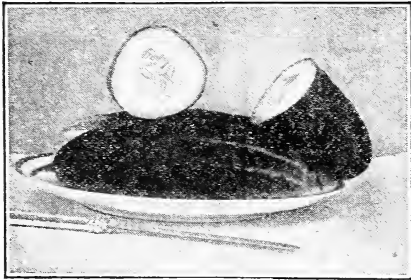
Frankfort, S. D., R. No. 1.
We got our first order of seeds from you two years ago, and had the best garden we ever saw anywhere. We are very much pleased with your seeds, and quick service.

SEBASTION EISELE.

See page 3 for our
Sweet Corn Collection
of 8 Sorts from Very Early to Late

Will's Cucumbers

Culture. As soon as the weather becomes warm and settled in the Spring, plant in well-prepared soil in hills four or five feet apart each way with eight or ten seeds in a hill; cover one-half inch deep with soil well firmed to prevent too rapid evaporation. When plants are well developed weed out all but four or five of the strongest. Thorough but shallow cultivation is essential. One ounce of seed will plant about eighty hills. About 200 seeds to the packet.



Earliest of All.

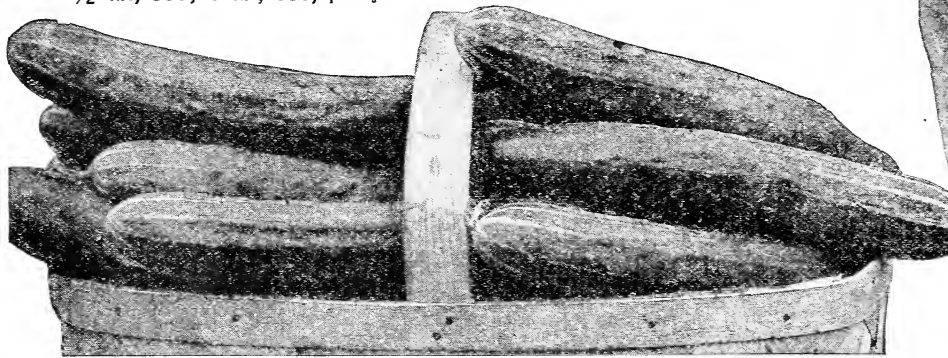
green color. Very popular as a market variety on account of its good keeping qualities and its uniformity of size and shape. **Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 55c; 1 lb., 95c, postpaid.**

EARLIEST OF ALL. This is by all odds the very earliest Cucumber of quality in cultivation. It is of fair size and is of special value to those who desire to be first on the market. It is also a very fine home garden sort. **Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.**

ARLINGTON WHITE SPINE. One of the earliest and most productive of the famous White Spine group. Fruit about 7 inches long, rounded at both ends, and of bright, deep



Arlington White Spine Cucumber.

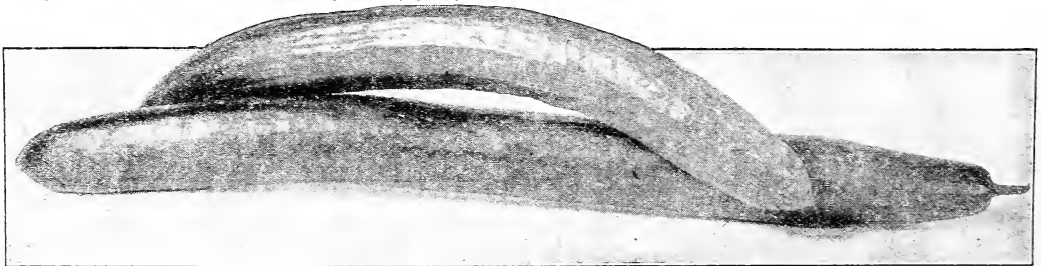


Improved Long Green Cucumber.

IMPROVED LONG GREEN. This old favorite variety is unequalled among the later sorts. The rich dark green fruits average 12 inches long with crisp white flesh. The standard of table quality and unexcelled for pickles when small. Our stock is superior. **Pkt., 5c; oz., 15c; ¼ lb., 45c; ½ lb., 75c; 1 lb., \$1.30, postpaid.**

EARLY CLUSTER. A pickling type often setting fruit in clusters of 2 or 3. **Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.20.**

LONGFELLOW or CHINA LONG. This new variety from China is of finer quality than any other Cucumber we have ever tried. The early ripening fruits commonly reach 20 inches in length and average but 2 inches in diameter. The skin is dark rich green and smooth. The flesh is firm, white, crisp, and unexcelled for slicing. **Pkt., 10c; oz., 55c; ¼ lb., \$1.75, postpaid.**



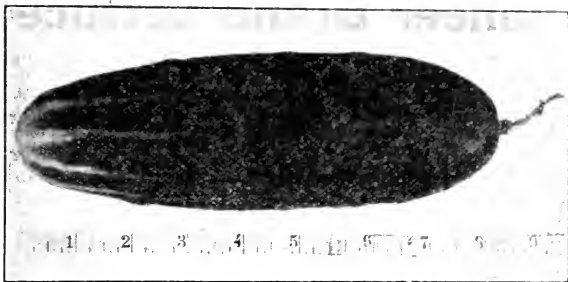
Longfellow or China Long Cucumbers.

To the grower of the longest cucumber of our Longfellow variety during the Summer of 1930, we will pay ten dollars; to the grower of the second longest, \$5.00; for third place, \$3.00; and to fourth, fifth, and sixth place, one dollar in trade. Cucumbers may be sent to our store or we will accept affidavits. Measurement is to be along axis of cucumber. But one prize will be awarded to an individual.

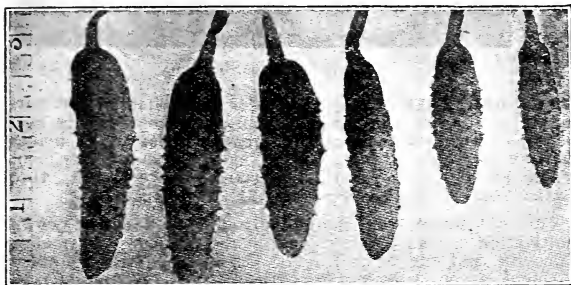
The Longfellow Cucumbers you sent last year were fine. They went so far for "Ice Box Pickles."
Fullerton, Nebr.
MRS. ALBERT THOMPSON.

Will's Cucumbers

EARLY FORTUNE. Each year serves to demonstrate further the superiority of this superb variety. Extra early, of perfect quality for eating and shipping, uniform and well shaped for small pickles, with strong, healthy foliage and a vigorous growth which proves its strong resistance to all diseases. Does not wilt quickly, nor ripen up too fast, and is a tremendous yielder. In trials with all other American varieties it has stood out as supreme. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 65c; 1 lb., \$1.25, postpaid.**



Early Fortune.



Early Fortune Pickling Size.

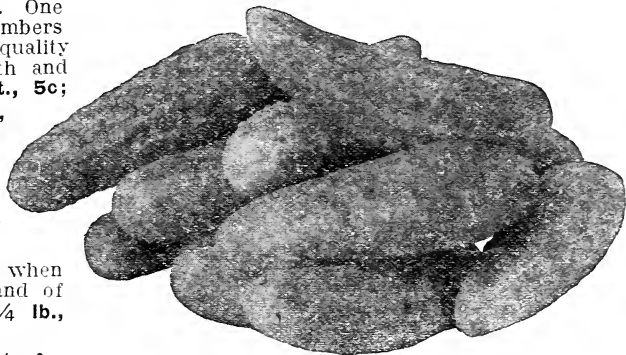
WHITE WONDER. A splendid white variety. One of the handsomest cucumbers. The cucumbers are ivory white in color, of good keeping quality and average about eight inches in length and two and one-half inches through. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; 1 lb., \$1.40, postpaid.**

DAVIS PERFECT. A grand variety. Dark, glossy green, slim and symmetrical, with an average length of 10 to 12 inches. They hold color till nearly ripe, when they turn white without a yellow streak on them. Quality fine, as seeds are very soft when fit for table use. Very tender, brittle and of exceptional flavor. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.30, postpaid.**

CHICAGO PICKLING. The old reliable variety for making small pickles; very profitable variety for those who sell to canners as it is used almost exclusively by the largest factories. **Pkt., 5c; oz., 12c; ¼ lb., 35c; ½ lb., 65c; 1 lb., \$1.10, postpaid.**

JAPANESE CLIMBING. A producer of long, well shaped fruits; especially adapted to growing on a trellis because of its strong vines and tendrils. This method insures better shaped fruits, reduces disease, and is particularly necessary in moist climates where well shaped fruits cannot otherwise be grown. **Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.90, postpaid.**

WEST INDIA GHERKIN. An old and very popular pickling variety. Remarkable for its small, short fruits which are produced in wonderful abundance. **Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.15; 1 lb., \$2.25, postpaid.**



Chicago Pickling Cucumbers.

Eggplant

Culture. Sow the seed (which is slow to germinate) in hotbed or in pots or boxes in the house early in the Spring. When all danger of frost is past, transplant in the open ground 2 by 3 feet apart.

Care must be taken not to allow the plants to be checked in growth. Watering may be necessary in extremely dry years but this delicious vegetable will repay any trouble taken and should be in every garden. About 325 seeds to the packet.

EXTRA EARLY DWARF. This is the very earliest Eggplant grown, ripening nearly two weeks before any of the late sorts. The fruit is perhaps even more delicious than the larger sorts, and it is altogether an exceedingly satisfactory sort for our section. **Pkt., 10c; oz., 50c; ¼ lb., \$1.75, postpaid.**

BLACK BEAUTY. This is the very earliest of the large type Eggplant and is an excellent variety as well for several other reasons. The fruit is a very uniform dark purple, the size is large and uniform and the color and texture hold for an unusually long time. **Pkt., 10c; oz., 50c; ¼ lb., \$1.75, postpaid.**



Extra Early Dwarf Eggplant.

For Eggplant Plants, See Page 71.

Pioneer Brand Lettuce

Culture. For very early use the seed may be sown in hotbed, and as soon as the warm weather permits, may be sown in the open ground, in rows 18 inches apart and not over one-half inch deep. If planted too deep the seed will not germinate. Sow every two or three weeks for a succession.

One ounce for 200 feet of drill. About 2,000 seeds to the packet.

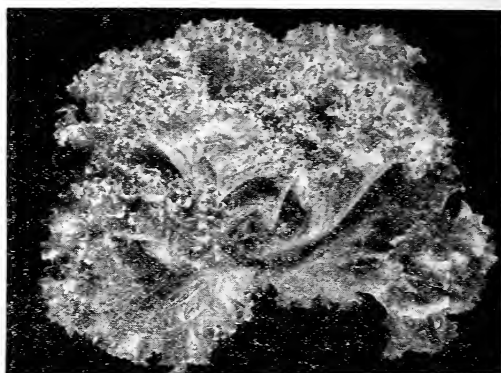
Curled or Loose Head Varieties

EARLY CURLED SIMPSON. An old favorite and perhaps our best leaf lettuce for outdoor planting. The green leaves are broad, much crinkled, crisp and tender. Very early, it keeps in prime condition and does not run to seed as quickly as many of the early sorts. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.

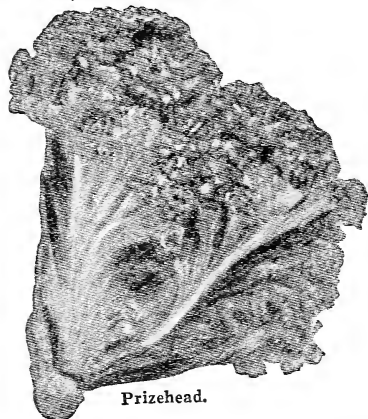
GRAND RAPIDS FORCING. The favorite loose leaved forcing lettuce, and fine for early planting outside in this section. The leaves are light green, blistered and crumpled, with heavily fringed borders. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.75, postpaid.

DETROIT MARKET GARDENER. This variety is well adapted for outdoor growing or for forcing in the greenhouse and hotbed. Its best quality is perhaps its ability to stand high temperatures which makes it an ideal variety for second sowings in the home garden. The plant is compact, light green in color, with crisp, tender leaves. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

PRIZEHEAD. This old favorite is undoubtedly the most easily grown variety in cultivation and excellent for the home garden. It is early, compact in growth, and stands heat. The leaves are much crumpled and frilled, bright green, tinged with brownish red, very crisp and tender. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.70, postpaid.



Early Curled Simpson.



Prizehead.

very best sorts for the home garden. Pkt., 10c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.25, postpaid.

MAY KING. An extremely early, compact heading variety. The leaves are a light yellowish green, just tinged with brown. Inner leaves blanch a golden yellow. The quality is fine and it is perhaps the best head lettuce for this section. Pkt., 5c;

oz., 15c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.90, postpaid.

Heading Varieties

MIGNONETTE. The earliest heading sort we have ever tried, fit for use 6 days before May King. The heads are small and the outer leaves are medium dark brown with a dark greenish tinge. Probably the most delicate in flavor and tender in texture of the crisp varieties, this is

slow to shoot to seed for so early a sort. Very reliable for Spring and Fall sowing and one of the most compact and hardest heading of all lettuces. Not a market gardener's variety, but its earliness and quality make it one of the

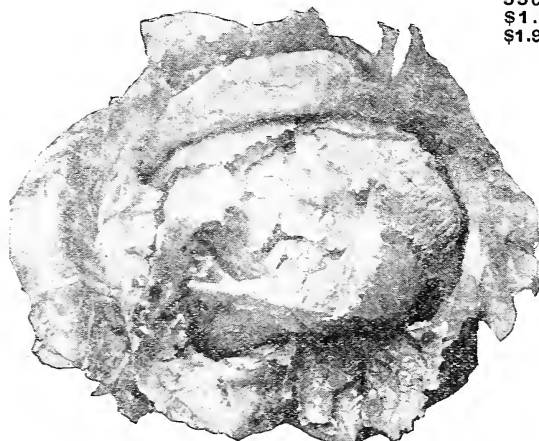


Black Seeded Tennisball.

ICEBERG. A large, crisp, cabbage-heading variety of good quality. The heads are firm and well blanching. The outer leaves are crumpled and blistered, in color a medium green with a faint brown tinge on the border. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.90, postpaid.

EARLY BLACK SEEDED TENNISBALL—SALAMANDER. One of the most reliable, sure heading sorts. The heads are large, solid and of fine quality. The outside leaves are a clear dull green, broad and crumpled. This is one of the surest heading sorts for the Northwest. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.45, postpaid.

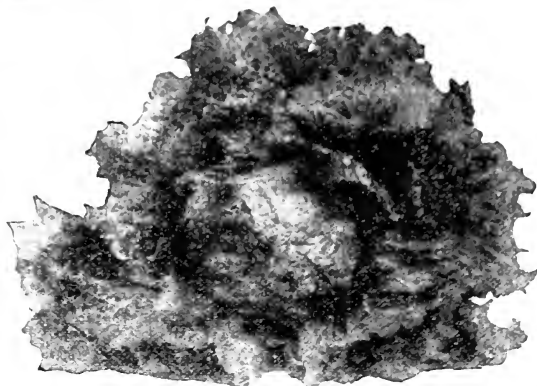
IMPROVED HANSON. One of the most reliable, sure heading sorts. The heads are large; the leaves clear green, blistered and crumpled with frilled borders. For planting outdoors this is one of the very best sorts, as it withstands heat and drought and is a slow seeder. We recommend this variety. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.60, postpaid.



Improved Hanson.

HEAD LETTUCE—Continued.

NEW YORK or WONDERFUL. A large variety of fine quality, more largely planted by commercial growers of head lettuce than any other sort. The heads are very solid, of finest quality, with outer leaves a rich dark green. It withstands heat and is one of the best heading sorts for the home garden. This variety is known in some localities as Los Angeles. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.20; 1 lb., \$2.00, postpaid.



New York Lettuce.

BROWN DUTCH. A hardy variety with medium sized, good quality heads, the outer leaves of which are dark green overlaid with bronze red. Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.10; 1 lb., \$2.00, postpaid.

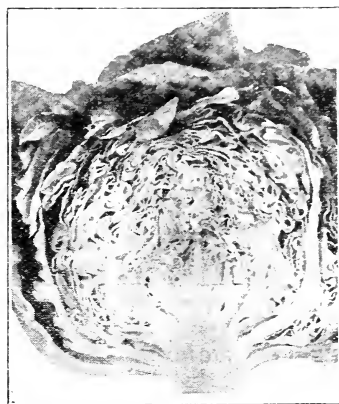


Paris White Cos Lettuce.

CRISP-AS-ICE — HARTFORD BRONZE HEAD.

One of the best varieties for the home garden, an excellent buttery sureheader of delicate flavor and tender quality. The compact heads are of medium size, dark green overlaid with bronze in color. In our trials in 1926 this sort seemed to withstand the drought better than any other. Slow to go to seed. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.50, postpaid.

PARIS WHITE COS. This is a distinct type of lettuce with a conical, rather tight head, dark green in color with smooth, thick leaves. Blanches to a beautiful white inside, when it becomes exceedingly crisp and sweet. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.45, postpaid.



Big Boston Lettuce.

BIG BOSTON. Early, large, bright green heads, lightly tinged with brown on the outer leaves, hardy and vigorous. One of the most popular and widely grown varieties. The plants are large, hardy and vigorous. The outer leaves are broad, relatively smooth, and crisp; in color a light green tinged with brown. The heart blanches a greenish white tinged with yellow. Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., 95c; 1 lb., \$1.60, postpaid.

Peppers

Culture. Sow the seed (which is slow to germinate) in hotbed or boxes in the house. When large enough transplant into other boxes and pots, when all danger of frost is past, transplant in the open ground in rows 2½ feet apart, setting the plants about 18 inches apart in the row. About 200 seeds to the packet.

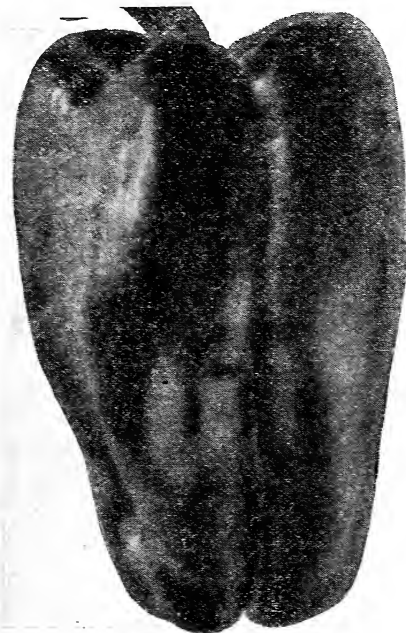
HARRIS' EARLY GIANT. This is the first very large sweet pepper that will produce good crops in the northern part of this country. The plants are vigorous and the fruits average 5 inches long by 3½ inches through, dark green turning to brilliant red. This is a very worth while introduction. Pkt., 10c; ½ oz., 50c; oz., 90c.

HARRIS' EARLIEST. The Earliest Pepper. Earlier and more productive than Neapolitan; the plants are dwarf and compact with fruits averaging 3½ inches long by 2½ inches through. The flesh is thick and mild. The only sure variety in unfavorable seasons. Pkt., 10c; oz., 75c.

TOMATO-SQUASH or SUNNYBROOK. The fruits are Tomato shaped, about 2 inches in diameter, with very thick and extremely mild flesh. The deep green fruits ripen to a bright red. This variety is medium early and excellent for stuffing and salads. Can be used in every way as a Pimiento Pepper. Pkt., 10c; oz., 55c.

RUBY KING. One of the most dependable and satisfactory varieties for both home and market gardens. Pkt., 10c; oz., 50c.

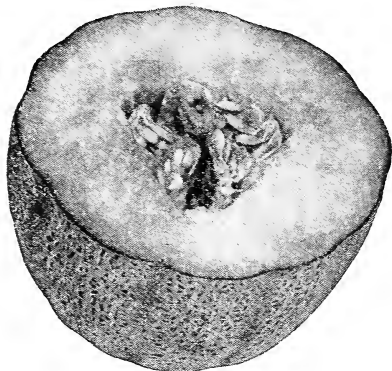
RED CAYENNE. Long, red, strong and pungent. Pkt., 10c; oz., 50c.



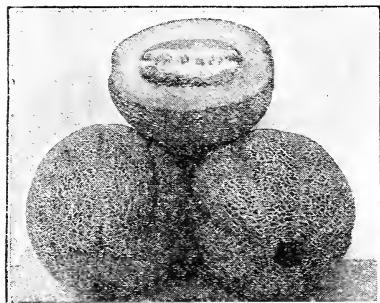
Harris' Earliest.

For Hardy Pepper Plants, See Page 71.

Will's Muskmelons



Extra Early Osage.



Emerald Gem.

GREELEY WONDER. This is the earliest variety bearing large Melons in our trials. The fruit is lightly netted, heavily ribbed, with very thick orange-salmon flesh of the finest quality. **Pkt., 5c; oz., 15c; 1/4 lb., 50c; 1/2 lb., 85c; lb., \$1.50, postpaid.**

MILLER'S CREAM. One of the best flavored varieties in cultivation and a favorite main crop sort for market gardeners and home use. The fruits are medium sized, oval, dark green, slightly ribbed and grey netted. The orange flesh is very thick. This variety holds its rich flavor much longer than most other sorts. **Pkt., 5c; oz., 12c; 1/4 lb., 40c; 1/2 lb., 75c; lb., \$1.40, postpaid.**

EMERALD GEM. An extremely early sort. The fruit is a rich emerald-green. It is globular in shape and irregularly ribbed. The flesh is very thick, salmon colored, sweet and luscious. The vines are hardy and very prolific. One of the best Melons for home garden and local market. **Pkt., 5c; oz., 12c; 1/4 lb., 40c; 1/2 lb., 75c; lb., \$1.40, postpaid.**

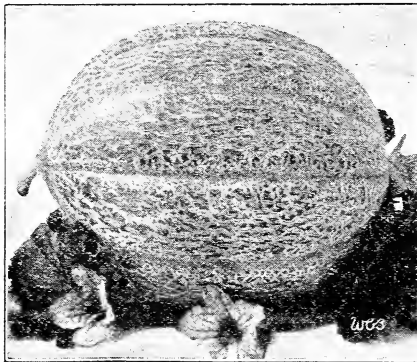
VINE PEACH (Vegetable Orange or Mango Melon). This prolific fruit is the size of a medium orange, and is used for sweet pickles, preserves and pies. When cooked it is used in every way as a peach. **Pkt., 5c; oz., 20c; 1/4 lb., 50c, postpaid.**

GARDEN LEMON. The fruit is smaller than the Vine Peach, which it resembles in growth, but has thinner flesh and more acid flavor. It is a novelty of value. **Pkt., 5c; oz., 20c; 1/4 lb., 50c, postpaid.**

CULTURE. When the ground has become warm, plant in hills, four or five feet apart each way, 6 to 12 seeds in a hill. When danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly the whole season, but not to exceed two inches deep, keeping the surface as smooth as possible. **Only our early, hardy Melons are worth planting in the Northwest.** One ounce of seed to fifty hills; 2 to 3 pounds per acre. About 125 seeds to the packet.

EXTRA EARLY OSAGE. This is the earliest salmon-fleshed variety of quality and one of the very best sorts grown. The oval fruit is dark green, slightly ribbed and grey netted, and is from a week to ten days earlier than the old Osage. The flesh is a rich orange-salmon, very thick with small seed cavity. A grand sort for northwestern conditions; ideal for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 80c; lb., \$1.50, postpaid.**

EXTRA EARLY KNIGHT (Sweet Air). The earliest Muskmelon of quality we have ever had on trial. It is medium in size, oblong in shape, distinctly ribbed and well netted. The flesh is fairly thick and very sweet, a medium green in color blending to a light pink near the center. We consider this one of the very best varieties for the Northwest and our strain is superior. **Pkt., 5c; oz., 15c; 1/4 lb., 45c; 1/2 lb., 75c; lb., \$1.40, postpaid.**



Extra Early Knight

Scobey, Mont.
Box 406.

We have used your seeds for five years, and have always had a splendid garden. Other seeds were only partly satisfactory. You have always filled our order exactly. You may print this if you care to.

MRS. HELTON.



Extra Early Osage in the Field.

Muskmelons—Continued.

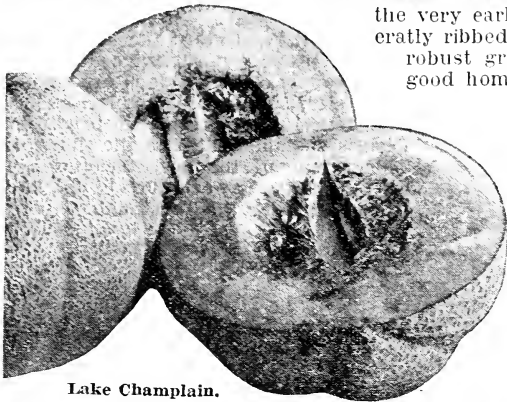
PAGE'S EARLY. The earliest of all Muskmelons. Although it is a number of years since its first introduction, Page's Early is still by far the earliest of all. It is not equal in quality to the other varieties that we list, although by careful selection during the past eight years the quality and flavor are much improved. If you haven't been able to raise Muskmelons before, try this one. **Pkt., 10c; oz., 20c; ¼ lb., 75c, postpaid.**



Page's Early.

LAKE CHAMPLAIN or GOLDEN CHAMPLAIN. One of

the very earliest Melons, medium sized, round, heavily netted, moderately ribbed, with **thick orange colored flesh** of the finest quality; a robust grower and heavy yielder. Not a shipping Melon, but a good home garden sort and a money maker for the market gardener. **Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., \$1.00; lb., \$1.75, postpaid.**



Lake Champlain.

GOLD LINED ROCKY FORD (Eden Gem). A round uniform sized, heavily netted muskmelon of finest quality, an excellent shipping sort and largely grown by market gardeners. The flesh is green, tinted yellow at the center. **Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 65c; lb., \$1.20, postpaid.**

EXTRA EARLY HACKENSACK. It is a large sized, deep ribbed, round Melon, with thick green flesh of delicious flavor. It is the best of the large varieties. **Pkt., 5c; oz., 12c; ¼ lb., 40c; ½ lb., 70c; lb., \$1.35, postpaid.**

Had good results from all. I got the first prize for Parsley at the State Fair. I got my first order from you last year.

Galata, Mont.

MRS. T. O. KOLSTAD.

Parsley

CULTURE. Soak the seed a few hours in lukewarm water and sow early in Spring in drills one foot apart. Thin out the plants to about four inches. Cover the seed not more than one-half inch. Very slow to germinate, usually three weeks. About 2000 seeds to the packet.

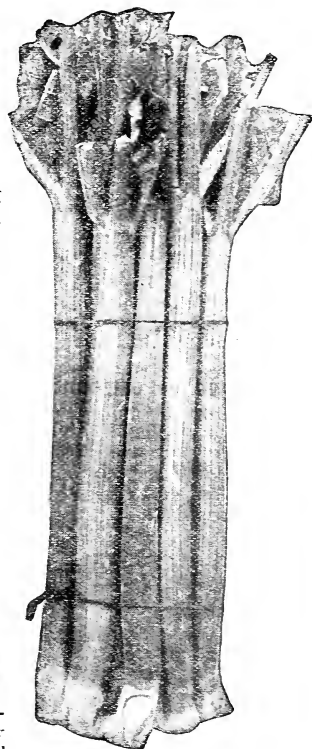
CHAMPION MOSS CURLED. Leaves beautifully curled and mosslike, of the richest green. **Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c, postpaid.**

TURNIP ROOTED. The roots, instead of the tops, are used for soups and flavoring meats; gives richer flavor. If cut into small pieces, is a delicious vegetable. **Pkt., 5c; oz., 10c; ¼ lb., 35c, postpaid.**

NEW XXX PARSLEY. The wonderful dark green color and the exquisite fernlike appearance are remarkable. The habit of the plant is dwarf and compact. The flavor is the very best. **Pkt., 5c; oz., 10c; ¼ lb., 30c, postpaid.**

Rhubarb or Pieplant

MONARCH. Ours is the most vigorous and productive variety known. The leaf stalks are very numerous, from 15 to 30 inches long and full 2 inches wide. They are tender, fine of flavor and excellent for preserving. About 250 seeds to the packet. **Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.**

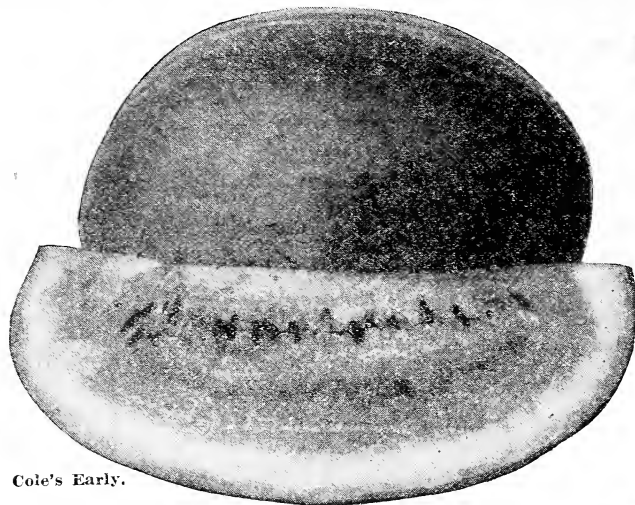


Monarch Rhubarb.



Moss Curled Parsley.

MONARCH RHUBARB ROOTS. Plant our strong roots and save two years over seed. **Per dozen, \$1.25, postpaid. Not prepaid, per dozen, \$1.00.**



Cole's Early.

Ryegate, Mont.

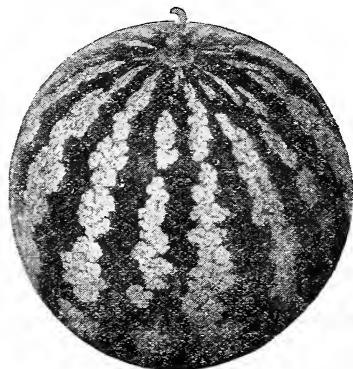
We find your seeds do better in this state than any we have ever tried, and always give a boost for Will's seeds.

Yours truly,
MRS. ALBERT ICE.

ARIKARA. The Earliest Watermelon. This variety is a prolific and sure producer of small Melons, running from 6 to 12 inches in diameter. The skin is almost black. The pink flesh is sweet and pleasant though somewhat coarse. Not as good quality as Will's Sugar, but the **earliest and hardiest** Watermelon that grows. If you have trouble raising ripe Watermelons, try this one. **Pkt., 10c; oz., 20c; 1/4 lb., 55c, postpaid.**

PHINNEY'S EARLY. The very earliest large, oval Melon. The Melons are oblong in shape, while the rind is so mottled with various shades of green as to present an almost scaly appearance. It is a very early sort, hardy and bears abundantly. The flesh is **pink and tender.** **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 80c, postpaid.**

PEERLESS or ICE CREAM Very early, a short oblong in shape. This is one of the best varieties for the North. The rind is thin, light green, mottled and veined with a darker shade. The flesh is bright scarlet and as sweet as honey. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 80c, postpaid.**



Citron.

CITRON A round, handsome fruit of small size, with white, solid flesh; it is used in making sweetmeats and preserves. Ours is the old standard strain. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 55c; lb., 95c, postpaid.**

Armstrong, B. C., Canada.
The seeds I got from you did
finely. A. BRADFORD.

Courtenay, N. Dak.
Will's are the only seeds I use.
They're just fine.
Sincerely,
MRS. J. M. ROSE.

Selected Watermelons

CULTURE When the ground has become warm, plant in hills four or five feet apart each way, 6 to 12 seeds in a hill; when danger of insects is past, pull out all but three or four of the largest plants. Cultivate thoroughly, about two inches deep, until the vines cover the ground. **One cunce of seed for 30 hills; 2 or 3 pounds per acre.** About 100 seeds to the packet.

COLE'S EARLY. One of the **earliest and best.** It is very hardy, vigorous and a sure cropper. The Melons are of medium size, green with lighter stripes. The **delicious quality** of the bright red flesh is sustained clear to the thin rind. This is one of the best varieties ever offered. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 90c, postpaid.**



Kleckley Sweets.

KLECKLEY SWEETS—MONTE CRISTO. This Melon is fairly large, oblong and tapering toward the stem end. The rind is a very dark green. The flesh is scarlet and ripens nearly to the rind. This is one of the best and sweetest Watermelons in cultivation. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 85c, postpaid.**

COLORADO PRESERVING MELON. This is quite distinct from the old-fashioned citron as it is larger and more productive. The flesh is firm and solid, with but few seeds and makes preserves of finest flavor. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 55c; lb., 95c, postpaid.**

WINTER WATERMELON. With white rind, clear bright red flesh, and black seeds. Good at maturity with ordinary Melons. If stored in a cool, dry place will keep until Christmas. **Pkt., 10c; oz., 15c; 1/4 lb., 40c; 1/2 lb., 65c; lb., \$1.10, postpaid.**



Winter Watermelon.

Selected Watermelons

WILL'S SUGAR WATERMELON. This pioneer variety, which we introduced in 1888, still remains the favorite for the Northwest. It is the second earliest melon grown, and combines with that very necessary quality hardness and heavy production. In sweetness it is surpassed by no melon grown, and the bright red flesh and small black seeds make a very pleasing contrast. We have never been able to grow enough of the seed to supply all demands. Last year we were obliged to disappoint many customers because of a short crop of Will's Sugar. Our grower harvested the melons too early and we were unable to obtain satisfactory germination from our seed. This year we feel that we have an adequate supply of seed of this splendid melon.

Pkt., 10c; oz., 20c; 1/4 lb., 50c; 1/2 lb., 90c; 1 lb., \$1.60, postpaid.



Field View of Will's Sugar Watermelons.



Will's Sugar Watermelons.

Onion Sets

Unless otherwise instructed, we shall hold Onion Set orders till danger of freezing is past. Bottom Onion Sets are the product of our own. A bushel is 32 lbs. unless otherwise stated. We raise and store our

EBENEZER or JAPANESE YELLOW ONION SETS. These yellow sets are surer to form large onions than any other sets, the quality is superior and the yield is larger. Sets of our own growing. **Pt., 20c; qt., 32c; 1/2 pk., 80c, postpaid. Not prepaid, pk., \$1.30; 1/2 bu., \$2.30; bu., \$4.50.**

RED BOTTOM SETS. Fine, well cured North Dakota grown sets. **Pt., 20c; qt., 32c; 1/2 peck, 80c, postpaid. Not prepaid, peck, \$1.30; 1/2 bu., \$2.30; bu., \$4.50.**

WHITE BOTTOM SETS. Milder than the red or yellow sorts and preferred by some on account of their color. Sets of our own growing. **Pt., 25c; qt., 37c; 1/2 pk., \$1.00, postpaid. Not prepaid, pk., \$1.50; 1/2 bu., \$2.75; bu., \$5.00.**

TOP or WINTER ONION SETS. Perennial. Live in the ground all Winter and start very early in the Spring. 28 lbs. to the bushel. **Pt., 30c; qt., 52c, postpaid. Not prepaid, pk. (7 lbs.), \$1.75; bu., \$6.00.**

MULTIPLIER ONIONS. Also called Bunch Onions or Potato Onions. Excellent for early Spring onions. **Pt., 30c; qt., 50c, postpaid. Not prepaid, pk., \$1.75; bu., \$6.00.**



Bottom Onion Sets.

GARLIC

BAVARIAN. Lb., 42c; 5 lbs., \$1.75, postpaid.

ONION PLANTS

BERMUDA ONION PLANTS. Seed is planted early in Texas, and plants lifted to produce onions of Bermuda quality in northern gardens. Planted like onion sets and easy to grow. We can ship from April 10th on. **Per 100, 25c; 500, \$1.10; 1,000, \$2.00, postpaid. Crate of 6,000 plants, not prepaid, \$9.00.**

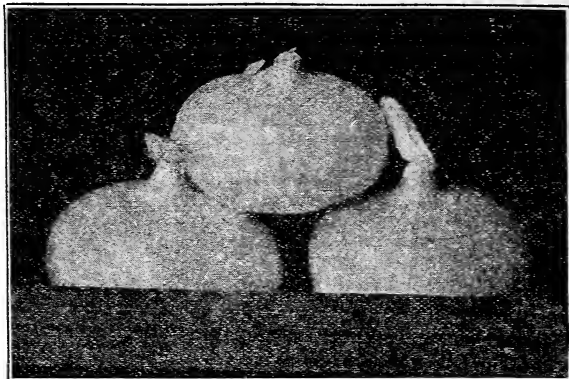


Bermuda Onion Plants.

Will's Pioneer Brand Onion Seed

Culture. Sow as early in the Spring as ground can be worked, in drills 15 inches apart, covering one inch deep. One ounce for 300 feet of drill; 4 to 5 pounds per acre. About 750 seeds to the packet.

WHITE PORTUGAL or SILVERSKIN. The All Round Onion. A medium sized, flat, hard and fine grained onion of mild flavor and clear white skin. It is the best keeper of the white onions and fine for Fall and early Winter use. A favorite for pickles and bunching green onions when young and more extensively grown for sets than any other white variety. Our seed is Montana grown, of especially high germination and purity. **Pkt., 5c; oz., 20c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.25, postpaid. Not prepaid, 5 lbs., \$10.00.**



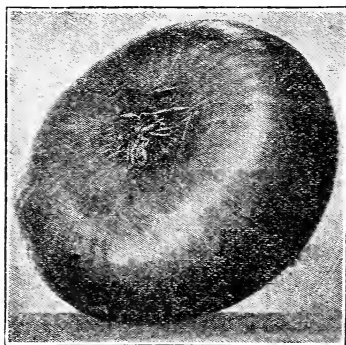
Montana White Portugal or Silverskin.

SOUTHPORT WHITE GLOBE. This pure white, thin-skinned globe onion commands the highest market price. Our selected strain keeps well, is firm, fine-grained and of mild flavor. **Pkt., 10c; oz., 25c; ¼ lb., 65c; ½ lb., \$1.25; 1 lb., \$2.40, postpaid. Not prepaid, 5 lbs., \$10.75.**

WHITE BERMUDA. This is a medium sized onion, flat, very early, and in no sense a keeper. It is not pure white but a light straw color. It is very mild and sweet. **Pkt., 10c; oz., 30c; ¼ lb., \$1.00; ½ lb., \$1.90; 1 lb., \$3.60, postpaid. Not prepaid, 5 lbs., \$16.75.**

WELSH WINTER (Perennial). Plant this variety to get the earliest green onions. Seed may be sown either in Spring or Fall. This variety does not make large bulbs but is used only for green onions. The plants are perennial, live in the ground for years, and are absolutely hardy. This is a money maker for the market gardener. **Pkt., 5c; oz., 15c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.75, postpaid.**

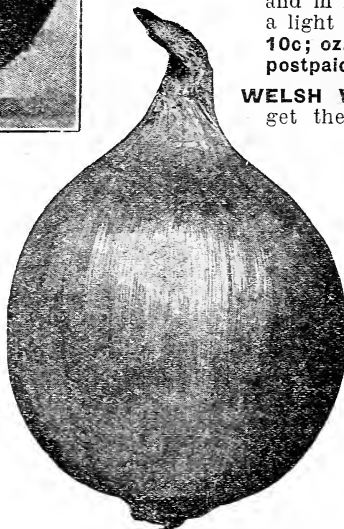
NEW QUEEN. This is a small, rapid growing, mild and sweet small white onion used extensively for pickling and the table. **Pkt., 10c; oz., 30c; ¼ lb., 70c; ½ lb., \$1.35; 1 lb., \$2.60, postpaid.**



Red Wethersfield.

RED WETHERSFIELD.

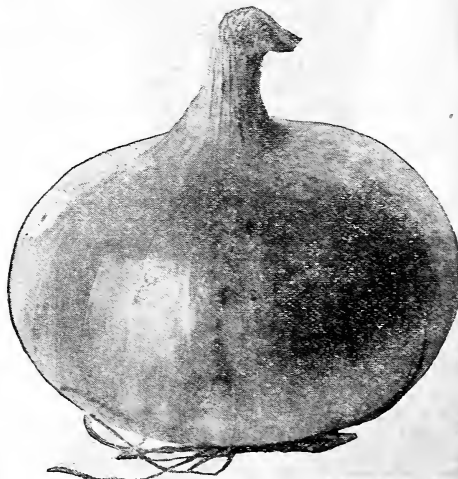
One of the oldest and best known strains, a sure and heavy yielder. It is one of the very best keepers. The type is large, rather flat, and of a deep purplish red. The flesh is pinkish white and strong flavored. It is the favorite for poor or dry soils. **Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.**



Southport Red Globe.

SOUTHPORT RED GLOBE. The finest type and most popular of the red onions. Our thin neck strain ripens down to a thick glossy purplish red ball. It is a sure ripener, a good keeper, and very showy when cleaned for market. **Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., 95c; 1 lb., \$1.70, postpaid. Not prepaid, 5 lbs., \$7.25.**

EXTRA EARLY RED FLAT The earliest large Red Onion. A deep purplish red in color, quite flat, firm and of excellent quality. A desirable variety for short seasons or poor soil. **Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., 95c; 1 lb., \$1.65, postpaid. Not prepaid, 5 lbs., \$7.00.**



Extra Early Red Flat.

They are fine Onions. (Australian Brown Onion). I got six cents per pound, and they kept well.

OSCAR MILLIS.

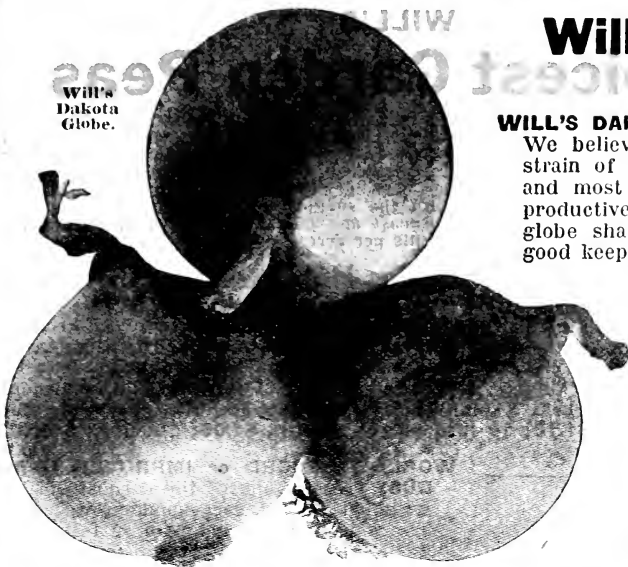
R. No. 4, Waubay, S. D.

Will's Pioneer Brand Onion Seed

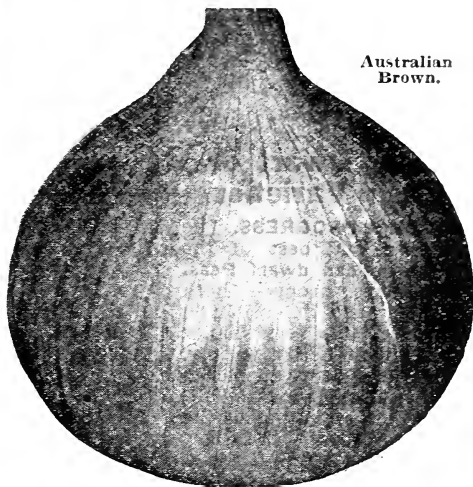
WILL'S DAKOTA GLOBE. The Money Making Onion.

We believe this to be the finest and best selected strain of **Southport Yellow Globe**, the most popular and most largely grown yellow onion. It is early, productive, uniform in its deep yellow color, true deep globe shape, with small neck, and an exceptionally good keeper. The flesh is white, crisp and mild. An excellent onion to sow on breaking, and in every way adapted to our growing conditions in the Northwest. **Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., 85c; 1 lb., \$1.55, postpaid. Not prepaid, 5 lbs., \$6.50.**

Will's
Dakota
Globe.



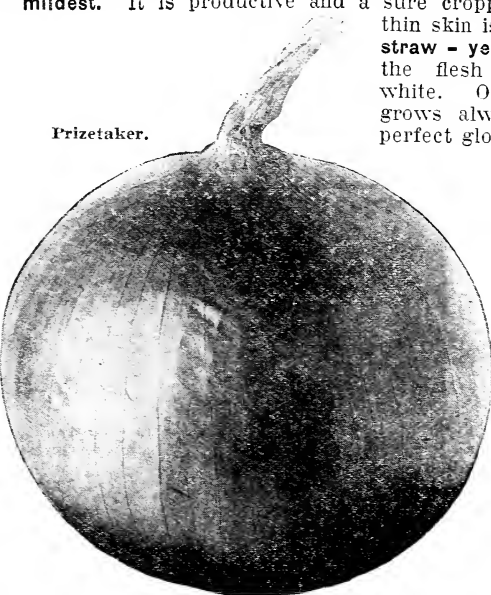
Australian
Brown.



AUSTRALIAN BROWN. This variety is extremely early and a wonderful keeper. There are no scallions and the bulbs form very early. This heavy yielder is of medium size with amber brown skin and solid white flesh. Onions of this sort have been kept a year in good condition. **Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 80c; 1 lb., \$1.50, postpaid. Not prepaid, 5 lbs., \$6.25.**

PRIZETAKER. One of the largest onions grown and the mildest. It is productive and a sure cropper. The thin skin is a bright straw - yellow and the flesh is pure white. Our strain grows always to a perfect globe shape,

Prizetaker.



the bulbs often attaining a weight of 2 pounds. **Pkt., 5c; oz., 20c; ¼ lb., 60c; ½ lb., 95c; 1 lb., \$1.65, postpaid. Not prepaid, 5 lbs., \$7.00.**

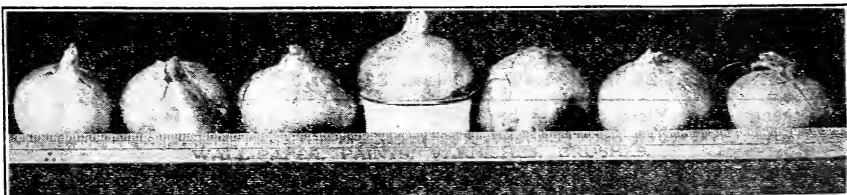
AILSA CRAIG. This largest of the English sorts has gained in popularity every year since its introduction into this country. The type is globular, with fine thin neck, and deep straw-colored skin. The flesh is very white, always tender and very mild. This is one of the largest and best of onions. **Pkt., 5c; oz., 25c; ¼ lb., 65c; ½ lb., \$1.20; 1 lb., \$2.20, postpaid. Not prepaid, 5 lbs., \$9.75.**

YELLOW GLOBE DANVERS. This is a standard variety for Winter use in all markets. Its skin is a rich orange-yellow color. The flesh is pure white, crisp and mild in flavor. It is a dependably heavy yielder and because of its small neck cures well and makes splendid storage stock. **Pkt., 5c; oz., 20c; ¼ lb., 55c; ½ lb., 90c; 1 lb., \$1.60, postpaid. Not prepaid, 5 lbs., \$6.75.**

See Page 33 for Onion Sets and Plants.

Notice to Our Customers

If you wish to know germination tests on any sorts of garden seed we sell, we shall be glad to furnish them.



Ailsa Craig.

WILL'S

Choicest Garden Peas

Culture. Sow early in the Spring in rows 18 to 24 inches apart. The Peas will give quicker returns if covered only one inch deep, and where earliness is the most important they may be treated in that way, but longer pods and more of them will be produced if the seed is planted in trenches three to six inches deep and covered with one or two inches of soil. When the plants are five or six inches high, fill the trench level with the surface. Sow every two weeks for succession. They may be sown broadcast and plowed under. **Two pounds for 100 feet of drill; 2 to 3 bushels in drills per acre.**

Early Varieties Not Dwarf

FIRST OF ALL. This is the earliest Pea in cultivation. The seed is smooth and for that reason this variety may be sown two weeks earlier than any wrinkled sort, as it will not rot in the ground. The vines grow to a height of 2½ feet. It is a very heavy and even cropper—can be cleaned at two pickings. This variety is a great favorite with gardeners for the early market. ¼ lb., 15c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.10; 10 lbs., \$2.10; 20 lbs., \$4.00; 100 lbs., \$19.00.

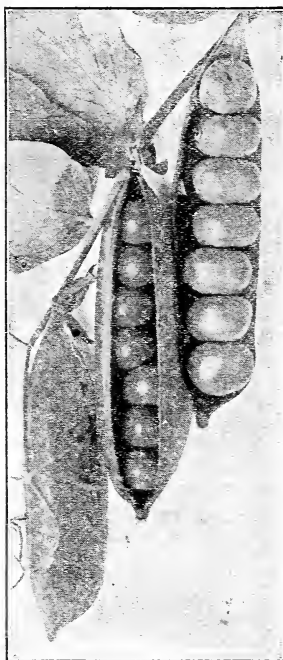


First of All.

Early Dwarf or Bush Varieties

LAXTON'S PROGRESS. The earliest and best of the large-podded dwarf Peas. We have dropped both Pioneer and Peter Pan in favor of this very similar and much better variety. The vines grow 18 inches tall and are more productive than any other of the dwarf class. This new sort is absolutely the best of its class to date. ¼ lb., 15c; ½ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 20 lbs., \$5.50; 100 lbs., \$26.00.

LITTLE MARVEL. One of the earliest of the wrinkled seeded sorts and probably the most satisfactory Pea for the average home garden. Remains in prime picking condition a week longer than most sorts. The vines are 15 inches high, heavy, with dark green pods usually set in pairs. The pods are filled with from 7 to 8 very dark green peas of high quality. ¼ lb., 15c; ½ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$22.00.



Little Marvel.

McLEAN'S LITTLE GEM. An early dwarf Pea of delicious flavor; excellent for family use. The vines are about 18 inches in height and produce an abundance of pods from 2½ to 3 inches long. The Peas are borne at the top of the stalk and are easily gathered. They are delicious and are sweeter than others of the dwarf varieties. ¼ lb., 15c; ½ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.40; 100 lbs., \$20.00.

Increase Your Yield of Peas by Inoculating with Nitragin.
Garden Size package, 25c postpaid.

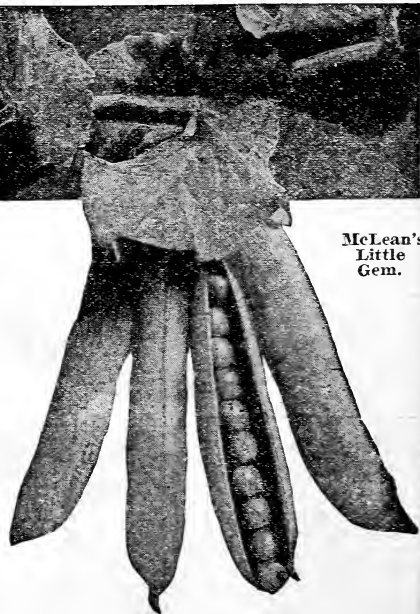
WORLD'S RECORD or IMPROVED GRADUS. This is one of the earliest of the wrinkled seeded, large-podded varieties. The vines reach a height of 2 feet, produce most abundantly, and bear throughout the season. The pods are nearly as large as those of the Telephone, and the tender peas are of a most delicious flavor. It is the market gardener's favorite. ¼ lb., 15c; ½ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.

ALL PEAS AND BEANS REQUIRE AN INOCULANT

**GARDEN SIZE,
PRICE 25c,
POSTPAID**



See page 67.

McLean's
Little
Gem.

Coteau, N. D., Box 115.
I always like your seeds and always will have them.
MARY LINABLAD.

DWARF PEAS—Continued.

AMERICAN WONDER. The earliest of the dwarf wrinkled varieties, of standard quality. The vines are about a foot high, and produce heavy crops of medium sized, well filled pods containing 5 to 8 large peas. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 23c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.50; 20 lbs., \$4.80; 100 lbs., \$22.00.

SUTTON'S EXCELSIOR. An improved Nott's Excelsior, larger podded and more productive. Height 16 inches. The broad pods are dark green, $3\frac{1}{2}$ inches long, and contain 7 to 8 large, bright green peas of very fine quality. Many regard this hardy variety as best of the dwarf, first early sorts. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.

HUNDREDFOLD or BLUE BANTAM. One of the best of the Laxtonian type; the vines are from 16 to 18 inches tall, sturdy and very productive. The pods

are dark green, $\frac{1}{4}$ inches long, and contain 8 large, dark green peas. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 42c, postpaid.

Not prepaid, 5 lbs., \$1.40; 10 lbs., \$2.70; 20 lbs., \$5.20; 100 lbs., \$24.00.

Edible Podded Variety

DWARF WHITE SUGAR. Height 2 feet. The pods are light green; 3 inches long, pointed and narrow; quite early. The pods are picked when the peas are forming, and broken and cooked like string beans. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 40c, postpaid. Not prepaid, 5 lbs., \$1.35; 10 lbs., \$2.50.

Main Crop Varieties

BLISS EVERBEARING. If the pods are picked as they mature, the vines will continue to branch and bear, giving the variety its name. It grows to a height of $2\frac{1}{2}$ feet and as many as 100 pods have been counted on a single vine. The Peas are large and sweet and packed tightly in the pods. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.20; 10 lbs., \$2.20; 20 lbs., \$4.30; 100 lbs., \$20.00.

SUTTON'S PERFECTION. One of the best and the most productive of the main crop Peas. The vines are $2\frac{1}{2}$ feet high, very sturdy and strong. The pods are $4\frac{1}{2}$ inches long, broad, straight, pointed, and medium light green, containing

8 to 9 very large, sweet, bright green peas. All that its name implies, both for the market gardener and the home garden. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.30; 10 lbs., \$2.40; 20 lbs., \$4.60; 100 lbs., \$22.00.

ONWARD. A very distinct and valuable new midseason variety, coming in just ahead of Telephone. A heavy cropper, 3 feet in height, the pods are 4 inches long, broad, straight and blunt-ended, containing 6 to 8 deep green peas. This is decidedly the best Pea of recent introduction. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 5 lbs., \$1.60; 10 lbs., \$3.00; 20 lbs., \$5.50; 100 lbs., \$26.00.

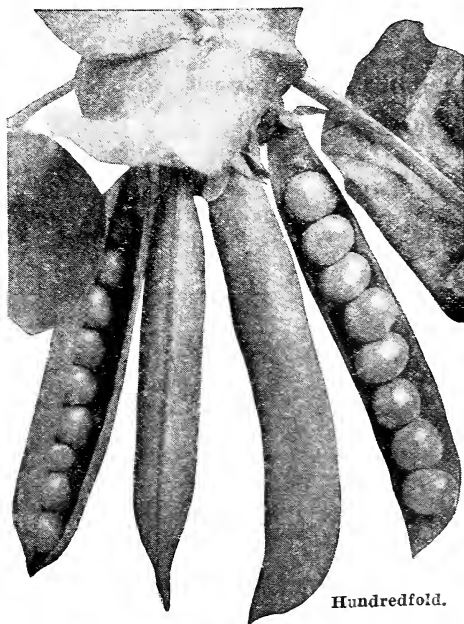
ALDERMAN. The best early main crop variety of the Telephone type and the most popular tall, main crop Pea. The vines grow to a height of 4 feet. The pods average about $4\frac{1}{4}$ inches long, containing nine large, medium green peas of highest quality. $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 22c; 1 lb., 37c, postpaid. Not prepaid, 5 lbs., \$1.25; 10 lbs., \$2.25; 20 lbs., \$4.30; 100 lbs., \$20.00.



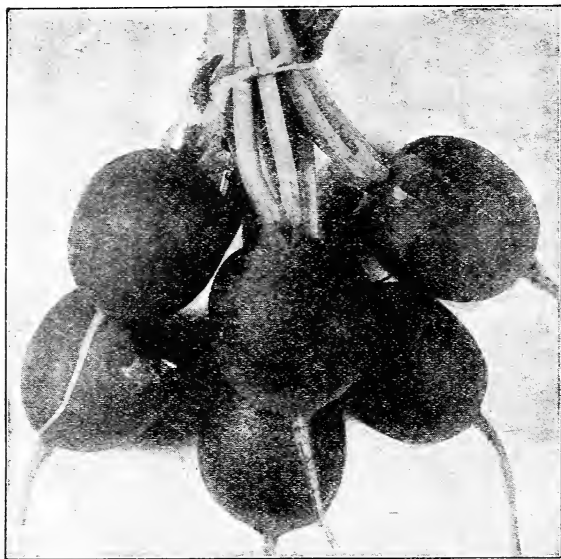
Sutton's Excelsior.



Bliss Everbearing.



Hundredfold.



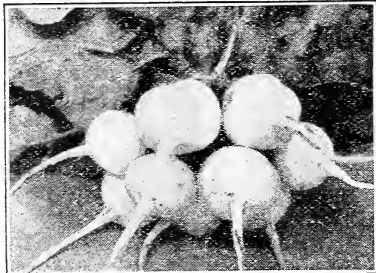
Will's Early Carmine.

SAXA. The earliest, smallest topped Radish, and one of the slowest to seed. The round, bright scarlet roots are ready for the table 20 days after planting the seed. We have a fine stock of this variety and the demand has increased annually since we first listed Saxa in 1918. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 75c; lb., \$1.40, postpaid.**

CRIMSON GIANT. Extremely large, but never pithy or hollow. This Radish is of uniform globe shape. The skin is crimson; the flesh white, crisp, tender and sweet-flavored. One of the best varieties for outdoor culture. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; lb., \$1.10, postpaid.**

MODEL BOX. White Radishes are invariably better keepers and last longer in the field than other sorts. Model Box is a white, turnip-shaped Radish, the very earliest white variety and is ready for use in 30 days. Pure white, crisp and mild. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.05, postpaid.**

LONG SCARLET SHORT TOP. The roots of this old reliable variety are smooth, slender, and uniform, about six inches long, a bright carmine-red in color, and of excellent quality. **Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c, postpaid.**



Model Box.



Saxa.

Will's Northern Grown Radish Seed

Culture. For early use the seed may be sown in hotbed. For open ground culture, sow in the Spring as soon as the ground can be worked, in drills 10 to 12 inches apart. Sow every two weeks for a succession. About 775 seeds to the packet.

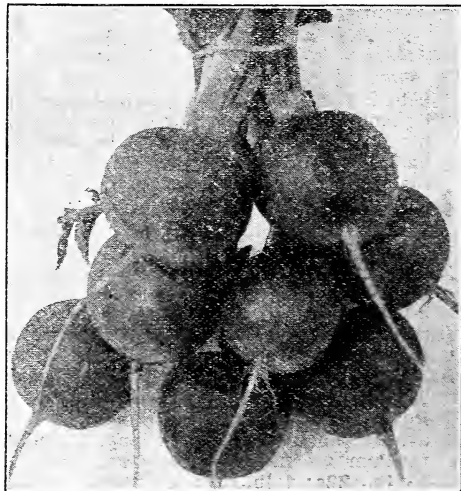
WILL'S EARLY CARMINE. Our old reliable extra early sort which has so long been the favorite throughout the Northwest. A bright carmine in color, almost round in shape, very early, mild and lasts well for an early sort; crisp and tender. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.00, postpaid.**

EARLY SCARLET GLOBE. The market gardener's variety. One of the earliest forcing Radishes and does equally well outside. The bright scarlet roots are fair sized, globe-shaped and with very small top. We have as good a stock of this superb variety as is grown. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.05, postpaid.**

FIREBALL—NON PLUS ULTRA.

An early round Radish of bright scarlet color and pure white flesh; crisp, tender, and of the very best flavor. It has few and short leaves, which permits close growing. Very desirable for the home garden and a money maker for the market gardener. **Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; lb., \$1.05, postpaid.**

There is no comparison between Southern Grown Radish Seed and Our Northern Grown Stocks.



Fireball.

FOR GARDEN FERTILIZERS

See page 95.

Will's Northern Grown Radish Seed

SPARKLER. Improved Scarlet Turnip White Tipped. This extra early strain is perhaps the most attractive Radish we have. The color is a rich carmine-scarlet with well defined tip of purest white. The flesh is solid and crisp, and remains fit for use as long as some of the coarser varieties. Largely grown by market gardeners both because of its earliness and its quality. **Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.00, postpaid.**

WHITE STRASBURG. One of the best large, white later Summer sorts for home garden and market. The roots are about 5 inches long, thick at the shoulder and abruptly tapering. **Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.00, postpaid.**

FRENCH BREAKFAST. A half-long, very crisp and quick-growing Radish. In color it is a bright rose-scarlet with blunt white tip. It is very early, a great favorite on the market and unexcelled for home garden. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 95c, postpaid.**

ICICLE. The finest of the early pure white varieties. Their long, slender form and pure white skin make the roots attractive. They are unusually crisp and tender and preserve these qualities much longer than the red sorts. One of the most desirable sorts for outdoor Summer planting. **Pkt., 5c; oz., 10c; 1/4 lb., 30c; 1/2 lb., 50c; lb., 95c, postpaid.**



Sparkler.

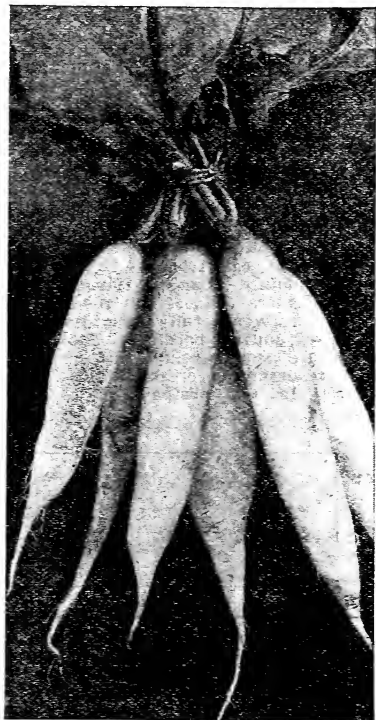
MIXED RADISH SEED. This is a mixture of a number of sorts which we are offering at a very attractive price. This is a very satisfactory way to plant Radishes, as the early ones when taken out thin the rows for the later sorts. **Pkt., 5c; oz., 10c; 1/4 lb., 25c; 1/2 lb., 45c; lb., 85c, postpaid.**

BLACK SPANISH WINTER. One of the latest as well as the hardiest of Radishes. The skin is black and flesh white, solid, crisp and pungent. Keep well all Winter. **Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.05, postpaid.**

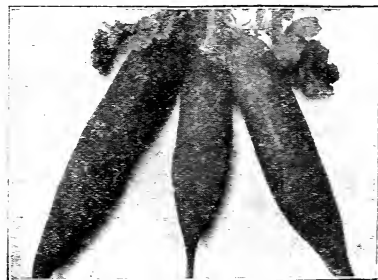


French Breakfast.

CHINA ROSE WINTER. One of the very best Winter Radishes. The roots are cylindrical and blunt at both ends. The skin is bright, deep rose color and the flesh white and very crisp. **Pkt., 5c; oz., 10c; 1/4 lb., 35c; 1/2 lb., 55c; lb., \$1.05, postpaid.**



White Icicle.

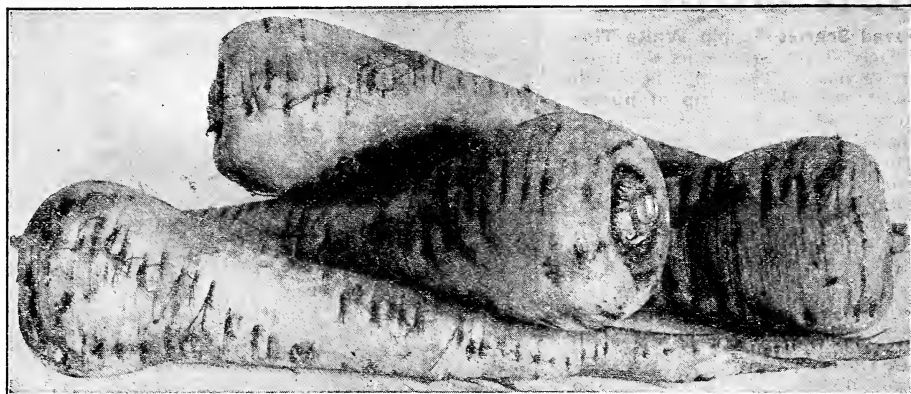


Black Spanish Winter.

Buhl, Idaho.
I have used your seeds most of the time for the past twenty years, and find them reliable seeds.
ROBERT NOLAND.

Irene, S. Dak.
I think your seeds are the best, as I have been getting your seeds for over ten years.
MRS. C. M. TURNER.

Parsnips



Hollow Crown Parsnips.

Culture. Sow as early in the Spring as possible, in rows 18 inches apart and about 1 inch deep. The ground should be deeply plowed and well cultivated. Thin to two inches as soon as the plants are large enough to handle. A freeze improves the quality. About 1200 seeds to the packet. One ounce for 200 feet of drill; 4 to 5 pounds per acre.

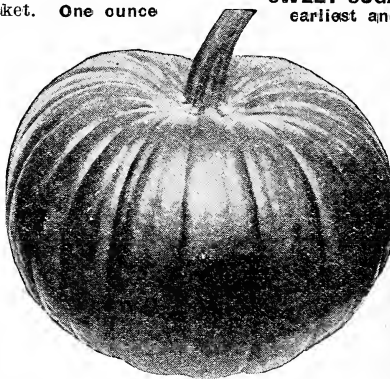
LONG SMOOTH or HOLLOW CROWN. A great cropper, tender, sugary and considered one of the best for general cultivation. Roots average 15 inches long by 3 inches in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c, postpaid.

IMPROVED GUERNEY. This is the thicker, heavier type of Parsnip. Fine grained and sweet flesh. Pkt., 5c; oz., 10c; ¼ lb., 25c; ½ lb., 45c; lb., 85c, postpaid.

Pumpkins for the Northwest

CULTURE. Plant in hills 6 to 8 feet apart, with 5 to 6 seeds in the hill, when the ground has become warm and the weather favorable, giving same cultivation as to melons. About 40 seeds to the packet. One ounce to 30 hills; 3 to 4 pounds per acre.

OMAHA. A very early, oblong, orange sort, but little later than the Fort Berthold and much thicker meated. This is a selection over a period of years from seed obtained through Dr. Melvin Gilmore from the Omaha Indians. We quote the North Dakota State Horticultural Society's news letter for September, 1924, thus: "The Omaha Pumpkin which is real pie size has proven far earlier than the widely grown Sugar Pie on the experimental grounds at the A. C." Pkt., 10c; oz., 25c; ¼ lb., 80c, postpaid.



Sweet Sugar Pumpkin.

SWEET SUGAR or NEW ENGLAND PIE. This is the earliest and surest of the common sorts, and by far the sweetest. Especially valuable for the making of pies. A small, round Pumpkin, dark orange in color, with thick, dry, fine grained flesh. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c, postpaid.

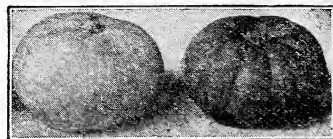
CONNECTICUT FIELD or BIG TOM. A solid, oblong, orange Pumpkin more planted with corn than any other variety and a heavy yielder. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; lb., 90c, postpaid.

FORT BERTHOLD. Selection for some years from the squash seed obtained from the Mandan and Arikara Indians has resulted in this wonderfully early Pumpkin of unusual hardness. The fruits are small, round, flattened

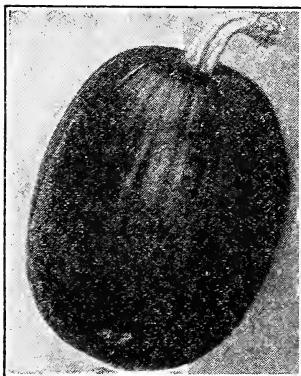
the ends, and of first quality. They are either orange or cream in color with orange predominating. Pkt., 10c; oz., 20c; ¼ lb., 60c, postpaid.

GOLDEN OBLONG. A very hardy and productive sort with thick, light golden flesh of highest quality and a good keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 65c; lb., \$1.20, postpaid.

KING OF MAMMOTHS. The giant among Pumpkins, weighing as high as 150 lbs. A bright golden yellow, fine grained and excellent for cooking. Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 90c; lb., \$1.70, postpaid.



Fort Berthold.



Golden Oblong.

Pine Grass Camp, Pioneerville, Idaho.
I do not want to use any other seeds, but yours. They have proven all you say, and more. My garden last year was a perfect success. I have used your seeds since 1920, with greatest success.

MRS. IRENE A. BRANSON.

Peanuts

Cultural Directions for Peanuts for the Asking.

MAMMOTH VIRGINIA. The most prolific variety to grow, and more desirable than the common spreading kind, because more easily cultivated. It has very erect stems and upright foliage, and the largest pods and kernels of any variety. Sow in drills four feet apart, placing the nuts six inches apart. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 45c, postpaid. Not prepaid, 1 lb., 35c; 5 lbs., \$1.50.

SPANISH. Earliest variety grown. Pods are small, but remarkably solid and well filled. Sow in drills 3 feet apart, placing the nuts 8 to 10 inches apart to allow for bushy habit of the plants. Pkt., 10c; $\frac{1}{4}$ lb., 15c; $\frac{1}{2}$ lb., 25c; 1 lb., 35c, postpaid. Not prepaid, 1 lb., 30c; 5 lbs., \$1.10.

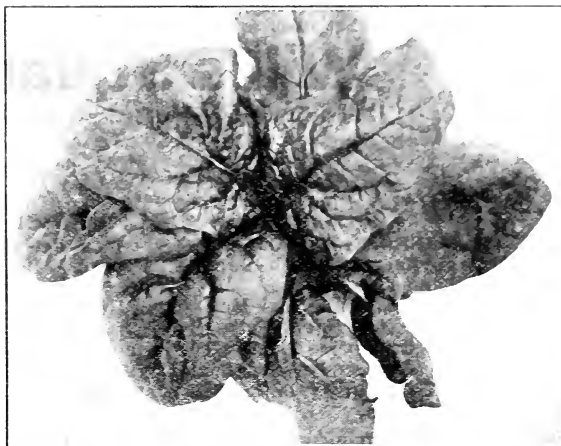
Spinach

Culture. Sow in early Spring, in drills 12 to 15 inches apart, covering not more than one inch deep. Sow two weeks apart for succession. One ounce for 100 feet of drill. With exception of New Zealand Spinach, about 600 seeds to the packet.

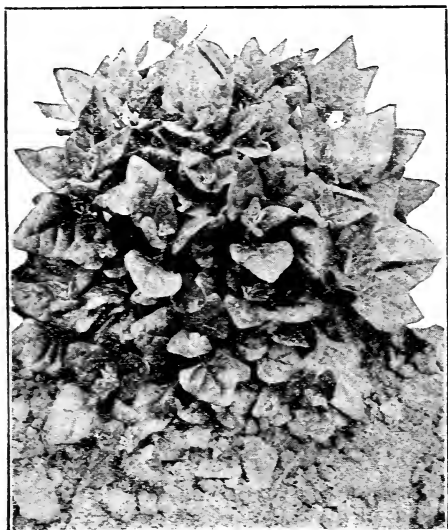
BLOOMSDALE or SAVOY LEAVED (Norfolk Savoy).

This is the earliest and hardestiest variety. The plant is of upright growth and the broad, pointed, crinkled leaves are very thick and a glossy green. This sort yields a heavy crop and keeps well after cutting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 50c, postpaid.

PRINCESS JULIANA. A new type of "long standing" spinach. Very slow to bolt to seed, this is a very attractive sort. The leaves are large and rounded, thick in texture, very much blistered and crumpled and of an intense, very dark green color. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid.



King of Denmark Spinach.



New Zealand Spinach.

before planting. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 35c; $\frac{1}{2}$ lb., 55c; 1 lb., 90c, postpaid.

KING OF DENMARK, Antvorskov. The best long season spinach, two weeks slower in shooting to seed than any other variety we have ever tested. The plants are early, vigorous, and productive, bushy in habit. The rounded leaves are crumpled, blistered and a deep green in color. This is a sort the Northwest has been looking for. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 35c; 1 lb., 60c, postpaid.

LONG STANDING. A late maturing sort which is not inclined to run to seed. The plant is very large with broad, arrow-shaped, nearly smooth leaves. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 20c; $\frac{1}{2}$ lb., 30c; 1 lb., 55c, postpaid.

NEW ZEALAND. This variety thrives in any soil, rich or poor, and stands hot weather. As the leaves are picked off, new shoots are produced and yield a continuous supply of greens. Plant 3 or 4 seeds to a hill; hills 2 feet apart each way, about May 15th. Soak seed in warm water for 24 hours



Mammoth Sandwich Island Salsify.

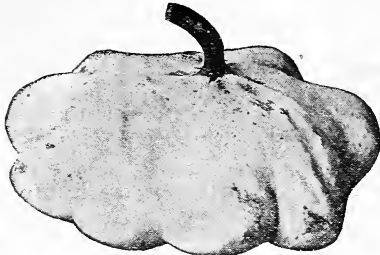
SALSIFY OR OYSTER PLANT

Culture. Sow as early as the ground can be worked, in drills 12 to 15 inches apart, one inch deep. One ounce to 100 feet of drill. About 180 seeds to the packet.

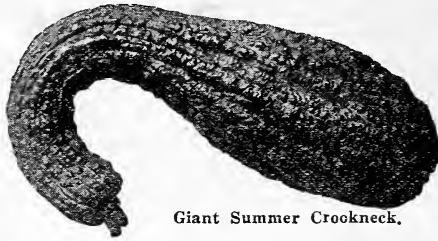
MAMMOTH SANDWICH ISLAND SALSIFY. This is an improved type of Salsify and the best sort. The roots are double the size of the old Long Smooth variety, less likely to branch, and are of equally good quality and delicate flavor. Pkt., 5c; oz., 25c; $\frac{1}{4}$ lb., 80c; $\frac{1}{2}$ lb., \$1.50; 1 lb., \$2.75, postpaid.

TOBACCO

COMSTOCK SPANISH. This grand Wisconsin variety is absolutely the best for the Northwest. The plant is very hardy and the leaf large and perfect. Easily raised if started indoors about the same time as tomatoes. Pkt., 10c; oz., 60c, postpaid.



Mammoth White Bush.



Giant Summer Crookneck.



Fordhook.

Will's Squashes

Early and Hardy Varieties for the Northwest.

Culture. One ounce to 25 hills, Summer, and one ounce to ten hills, Winter. Plant the hills in the same manner and the same time as melons and cucumbers, the bush varieties three to four feet apart and the running kind seven to eight feet apart. About 30 seeds to the packet.

Summer Squash

ITALIAN MARROW—COCOZELLE. The most delicate and finest flavored Summer squash. Of compact bush growth, the vines yield heavily of fruit averaging 14 inches long and 5 inches in diameter, dark green in color with the yellow and green stripings. Used when 10 inches long and perfectly green. Pkt., 10c; oz., 15c; ¼ lb., 55c; ½ lb., \$1.00; 1 lb., \$1.80, postpaid.

MAMMOTH WHITE BUSH. Cymling or Patty Pan. A very early Summer squash. It is flattened and scalloped, comparatively smooth on the surface and creamy white in color. The flesh is thick and very fine in quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; ½ lb., 50c; 1 lb., 90c, postpaid.

EARLY MANDAN SQUASH. The Very Earliest Squash in the World. This wonderful little squash, obtained by us from the Mandan Indians, will ripen almost anywhere, notably in the Montana mountains where squashes had never been grown before. It is very hardy and drought resistant and withal of fair quality. Fine if used green as a Summer squash and good fried or boiled. Excellent sweet pickles may be made from this sort and it is a good keeper. By constant selection we have gradually improved the quality of this variety and its trueness of type. Pkt., 10c; oz., 30c, postpaid.

GOLDEN CUSTARD. Mammoth Yellow Bush. This variety is very early and prolific, and the fruits are frequently from 12 to 14 inches in diameter. The skin is a rich golden orange and the flesh is a creamy yellow. It is a selection of real merit. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 60c; 1 lb., \$1.00, postpaid.

GIANT SUMMER CROOKNECK. A new variety early as common Crookneck and much larger, sometimes attaining a length of two feet. It is heavily warted and of bright golden color. The plants are bushy and very prolific. The squashes are brittle and tender and command the highest price on the market. Pkt., 5c; oz., 10c; ¼ lb., 35c; ½ lb., 55c; 1 lb., \$1.00, postpaid.

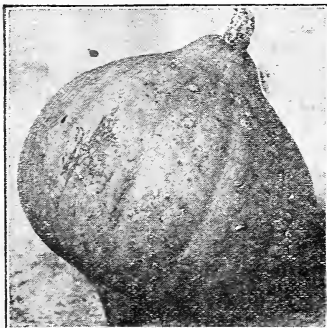
General Purpose Squash

FORDHOOK. A desirable variety for both Summer and Winter use. The type is small and oblong, averaging nine inches in length, slightly ridged. The skin is smooth, thin and yellow. The seed cavity is very small and the unusually thick straw-colored flesh is extremely dry and sweet. The squashes will keep to June in a dry room, yet in a green state they rival the best Summer varieties. Our strain is early, hardy and reliable. Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.30, postpaid.

Winter Squash

ARIKARA. If you want the earliest large Winter Squash, the squash that will set fruit and outyield all others under drought conditions, plant the Arikara. The shell is salmon, varied with blue green; flesh orange tinged with green near the shell, of firm texture and good quality. An Arikara Squash raised in 1924 was shown in good condition at the meeting of the N. D. Horticultural Society late in August, 1925. Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.

MAMMOTH CHILI. Squashes of this great variety commonly weigh 75 pounds and have been grown as large as upwards of 150 pounds. The skin is a rich orange-yellow. The yellow flesh is very thick and highly nutritious. It is of the highest value as a stock food. An acre will yield from 8 to 15 tons, thus furnishing a cheap and nutritious feed. It is grown for exhibition purposes and carries off many prizes. Pkt., 5c; oz., 20c; ¼ lb., 50c; ½ lb., 90c; 1 lb., \$1.70, postpaid.



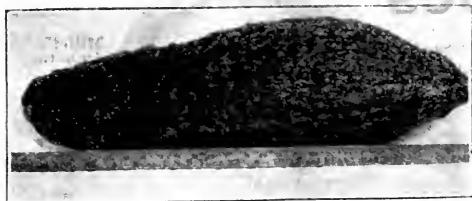
Arikara Winter.

Your Arikara Squash to my mind is the best Winter squash grown in our climate. Will keep all year if in right place. We want to try your Soy Beans here for green feed in late Summer.

Box 94, Menlo, Wash.

MRS. C. H. GEROW.

WINTER SQUASH—Continued.



Twenty-seven Pounds of Winnebago Squash.

WINNEBAGO. When we introduced this variety seven years ago we called it the **finest baking and general cooking squash** we had ever tried. It still is. The original seed came from the Winnebago Indians through Dr. M. R. Gilmore. The squash is elongated, a greenish black in color and a good keeper. The bright orange flesh is thick, very dry and sweet, and less stringy than any other squash we have ever sampled. The largest specimen in our planting weighed 30 pounds with many others well over 25 pounds. **Pkt., 10c; oz., 20c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.**

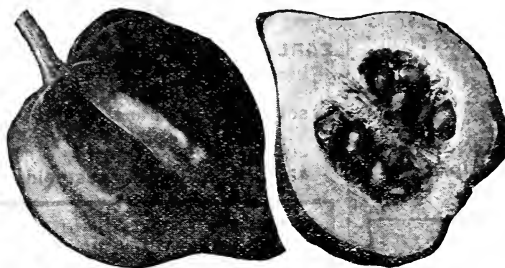
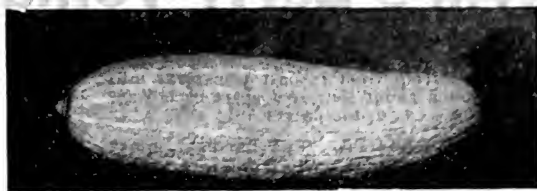
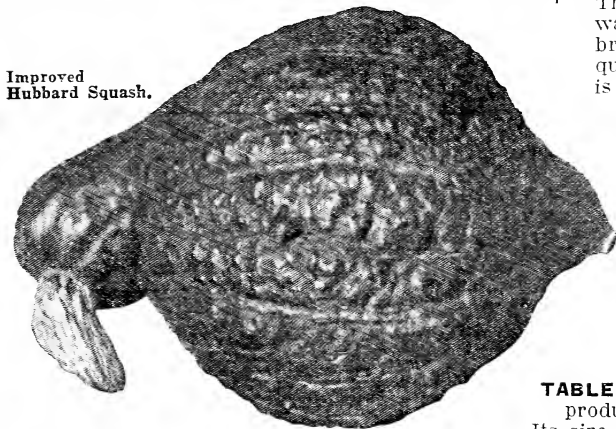


Table Queen Squash.



Gilmore Squash.

GILMORE. A cross between the Winnebago and Arikara combining the flavor and quality of the former with the earliness, hardness, and productivity of the Arikara. The skin is salmon-colored tinged with blue green. Its elongated shape follows the Winnebago parent. After several years this selection is now quite true to type and we believe it to be a worth while introduction. **Pkt., 10c; oz., 25c; ¼ lb., 70c; ½ lb., \$1.25; 1 lb., \$2.00, postpaid.**



Improved Hubbard Squash.

IMPROVED HUBBARD.

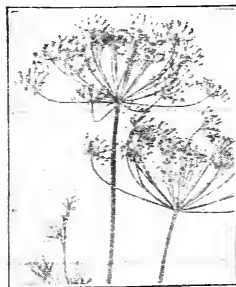
The Standard Winter Squash. More extensively grown for the market than any other variety. The fruits are large, heavy and moderately warted. The shell is a dark bronze-green; flesh bright yellow, fine-grained, dry and sweet. Its quality is the standard of excellence. Our seed is a superior strain as the result of careful selection over a long period of years. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.**

RED or GOLDEN HUBBARD. This is a sport from the true Hubbard, and quite like its parent in form and habit, but decidedly earlier. The shell is moderately warted, hard, strong and a bright orange-red in color. The flesh is deep orange, dry and of splendid quality. This is a superior table variety and an excellent keeper. **Pkt., 5c; oz., 15c; ¼ lb., 40c; ½ lb., 70c; 1 lb., \$1.25, postpaid.**

TABLE QUEEN or DES MOINES. A small, very productive variety of many desirable qualities. Its size is particularly desirable as one squash makes a meal for a hungry person. The thin shell is ribbed and very dark green in color. The rich golden flesh is very thick and the seed cavity small. A good keeper. The quality is excellent. **Pkt., 5c; oz., 15c; ¼ lb., 50c; ½ lb., 85c; 1 lb., \$1.60, postpaid.**

Herbs

ANISE. Used in garnishing and flavoring. The seeds are aromatic. **Pkt., 5c; oz., 15c.**
CARAWAY. Grown for seeds which are used in flavoring. **Pkt., 5c; oz., 15c.**
CATNIP. Leaves used for seasoning. Plant this and make your cat happy. **Pkt., 10c.**
DILL. The stalks and seeds are used for pickling cucumbers. **Pkt., 5c; oz., 10c; ¼ lb., 30c.**
FENNEL. The leaves boiled are used in sauces. **Pkt., 5c.**
HOREHOUND. Used for seasoning and as a cough remedy. **Pkt., 5c.**
LAVENDER. Its flowers are used in perfumery. **Pkt., 10c.**
MUSTARD (Large White Seeded). Seed used in flavoring pickles. **Pkt., 5c; oz., 10c.**
ROSEMARY. Aromatic leaves used for seasoning. **Pkt., 10c.**
SAFFRON. Used in coloring certain dishes and also for flavoring. **Pkt., 10c.**
SAGE. The most extensively used herb for seasoning and stuffing. **Pkt., 10c; oz., 40c.**
SUMMER SAVORY. Leaves and flowers used to flavor soups and dressings. **Pkt., 5c; oz., 20c.**
SWEET MARJORAM. Leaves and ends of shoots used for seasoning, both green and dried. **Pkt., 5c; oz., 20c.**
THYME. A tea made of leaves is a remedy for headache. **Pkt., 10c.**
WORMWOOD. Beneficial for poultry; should be planted in poultry yards. **Pkt., 10c.**



Dill.

Will's Early Tomatoes

Culture. Sow in hotbed or shallow boxes in the house in early Spring; when plants are large enough, transplant into hotbed or boxes and when all danger from frost is past transplant into open ground, about four feet apart each way. About 600 seeds to the packet.

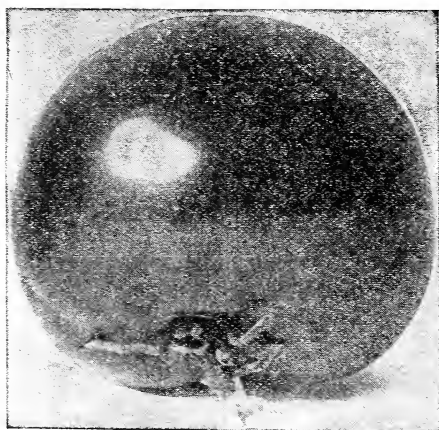
MILLET'S DAKOTA. The hardiest, most drought resistant early Tomato. Under the harsh, dry conditions of the Summer of 1926 and again in 1929, Millet's Dakota outyielded all other varieties at Bismarck. Originated by the late John W. Millet of Bismarck, and introduced by us in 1913, it is as early as the earliest strain of Earliana. The fruit is of medium size, smooth uniform shape, and of rich deep scarlet color. It is of high quality although not as meaty as the Red River. Under fairly favorable conditions we believe the Red River will outyield Millet's Dakota, but under the harshest conditions we will back Millet's Dakota against all comers. **Pkt., 10c; ½ oz., 30c; oz., 50c; ¼ lb., \$1.50, postpaid.**

Millet's
Dakota.



EARLIANA. Selected Early Strain. One of the earliest and best of the early varieties. It is very productive for an early sort. The fruit is fair sized, round, very smooth and solid, and produced in clusters in the center of the plant. The color is a bright scarlet. You simply cannot beat our strain of this grand old sort. **Pkt., 5c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.25, postpaid.**

Hackensack, Minn., Box 125.
I have used the Millet's Tomato for years, but didn't save seed last year. They always get ripe here where others fail.
MRS. MIELL.



Selected Earliana.

AGASSIZ. The result of a cross between June Pink and Livingston Globe made and developed by Professor A. F. Yeager of the North Dakota Agricultural College. It is slightly later than Red River, the scarlet fruits are larger and of very mild flavor. Professor Yeager says that "this variety has been the choice of the Superintendents of our substations here in North Dakota during the years they have tested it." We found this a very satisfactory variety the past Summer and are glad to be able to offer seed of our growing. **Pkt., 20c; 2 pkts., 35c.**

RED HEAD. This new variety is one of the very best second early sorts. As early as Chalk's Jewel it is nearly as large as Stone. Very productive, the fruits are nearly globe-shaped and very solid. **Pkt., 10c; ½ oz., 30c; oz., 55c; ¼ lb., \$1.80, postpaid.**

CHALK'S EARLY JEWEL. Perhaps the best second early scarlet-fruited variety for the Northwest. Extensively used for canning and on account of its large size, excellent quality and productiveness a most satisfactory sort for the home garden. **Pkt., 5c; ½ oz., 25c; oz., 40c; ¼ lb., \$1.25, postpaid.**

BONNY BEST. Very nearly as early as Millet's and Earliana, the bright deep scarlet fruits ripen more evenly than do those of any other early scarlet variety and are of superior solidity and interior color. A good yielder and most attractive in shape and color. This sort is coming rapidly to the front both for the home and market garden. **Pkt., 10c; ½ oz., 25c; oz., 45c; ¼ lb., \$1.40, postpaid.**

ACME. An old favorite, hardy, early and productive; fruit of good size, round and smooth; color purplish pink. **Pkt., 5c; oz., 20c; ¼ lb., 65c, postpaid.**

STONE. This is the standard main crop sort for truckers and canners. Plants very vigorous and productive, fruit round, smooth, solid and deep red. **Pkt., 5c; oz., 25c; ¼ lb., 75c, postpaid.**

Strandburg, S. D., R. No. 1.
I am ordering some more Garden seeds as I sure have good luck with your seed. Be sure not to forget your Red River Tomatoes, because, I cannot get along without them.

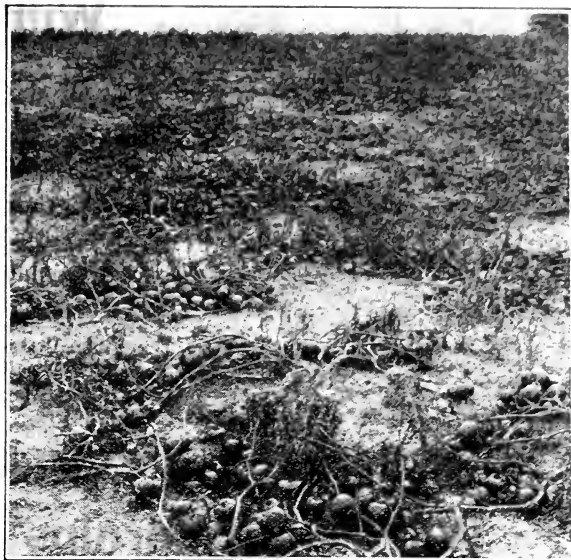
HERMAN RASCHKE.



Bonny Best.

Hardy Tomatoes

RED RIVER. As early as the earliest and the most solid, meaty early sort we have ever seen. At the Canadian Experiment at Morden, Manitoba, it was the best yielding variety out of 49 sorts tried in 1927. In that same year the New York Experiment Station reported Red River as the best early, as did the Minnesota Experiment Station and the Crookston Sub-station. It is the result of a cross of Carter's Sunrise, a small, very meaty, greenhouse variety, with one of the North Dakota Experiment Station's selections of Earliana, made by Professor A. F. Yeager of the North Dakota Agricultural College. Red River is one of the earliest sorts and bears slightly flattened, smooth fruits, of medium size, bright scarlet color, solid meat and splendid flavor. **Pkt., 15c; 1/2 oz., 60c; oz., \$1.00; 1/4 lb., \$4.00; 1 lb., \$12.00, postpaid.**



Red River Tomatoes.

Devils Lake, N. D.
I am recommending the Red River Tomatoes to a friend in California.

H. HYSTON.

R. 3, Powell, Wyo.
The Red River Tomatoes did wonderfully last year. Had more ripe tomatoes than the first year we got the seed. It can't be beat.

C. R. ROBINSON.

Columbiana, Ohio.
I got some Red River Tomato Seed from you last year, and it was very good.

W. M. COOPER.

R. No. 2, Box 56, Park River, N. D.
One of my neighbors had them last year, and were the nicest Tomatoes I have seen, so I want to try your Red River Tomatoes, too.

MRS. A. R. GILLESPIE.

YELLOW PLUM. A beautiful sort, much resembling a plum in size and shape; widely used for preserving. **Pkt., 10c; 1/2 oz., 25c; oz., 45c, postpaid.**

in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. **Pkt., 10c; 1/2 oz., 25c; oz., 45c, postpaid.**

YELLOW PEAR. This variety is used entirely for pickling and preserves. It is delicate in flesh and flavor. **Pkt., 10c; 1/2 oz., 25c; oz., 40c, postpaid.**

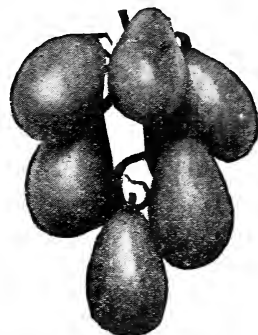
STRAWBERRY, GROUND CHERRY or HUSK TOMATO. This variety is unequalled for canning, preserving or making pies. Dried in sugar as raisins or figs they are unequalled. The vines cover the ground and yellow fruits are half an inch in diameter **Pkt., 10c; 1/2 oz., 30c; oz., 50c, postpaid.**

WONDERBERRY—GARDEN HUCKLEBERRY. Not a true Huckleberry, but belonging to the same family as do Tomatoes, Eggplant, and Pepper, this is very productive of round, nearly black fruits, but little smaller than a Concord Grape. These fruits are non-edible either raw or before they are fully ripe, but when fully ripe make excellent pies, preserves, and jam. **Pkt., 10c; oz., 50c.**

GOLDEN QUEEN. "Queen of All the Yellows." It is very prolific, ripens early, and is solid, always smooth, entirely free from ridges, large in size and delicious in flavor. It is fine for slicing. **Pkt., 10c; 1/2 oz., 30c; oz., 50c, postpaid.**

RED CHERRY. The fruits are very small, about the size of a large cherry, smooth and round. It bears early and freely until frost, and is used for preserving. **Pkt., 10c; 1/2 oz., 30c; oz., 50c, postpaid.**

PINK PEACH. This excellent sort resembles a peach in size and shape. The surface of the fruit is covered with a down much like its namesake. It makes delicious preserves and pickles. Size about the same as most early sorts and excellent to eat fresh. **Pkt., 10c; 1/2 oz., 25c; oz., 45c, postpaid.**



Yellow Plum Tomatoes.

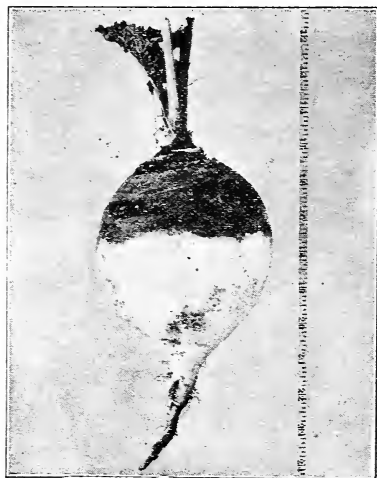
yield enormously. The and enclosed in a husk.



Strawberry or Ground Cherry.

Fergus Falls, Minn.
I am an Amateur Gardener but will tell you that I had wonderful success with your Red River Tomatoes last year. Using only one package of seed I supplied neighbors with plants and had bushels of ripe tomatoes, in fact, hadn't a single green tomato in the fall.

MRS. GEO. D. SHA.



Will's Improved Rutabaga.

Will's Best Rutabagas

Culture. Sow latter part of June or first of July. If drilled in, rows should be about 20 inches apart, and frequent cultivation will increase the yield. One ounce to 250 feet of drill, $1\frac{1}{2}$ pounds per acre if drilled, and $2\frac{1}{2}$ pounds if broadcast. About 1,900 seeds to the packet.

WILL'S IMPROVED AMERICAN PURPLE TOP YELLOW. The roots are large, globular in form, with small neck, and very small tap root. The color is a bright yellow with a purple top. The flesh is very solid, yellow, tender and sweet. Our strain is very hardy and especially adapted for broadcasting on new breaking. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 70c, postpaid. Not prepaid, 5 lbs., \$2.25.

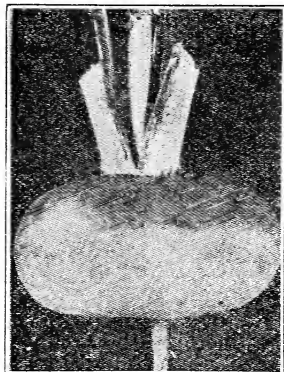
PAJBJERG BANGHOLM. We first introduced this wonderful variety from Denmark some fifteen years ago. The roots are purple-topped with very small necks. The flesh is yellow, exceedingly solid and crisp. This is the sweetest rutabaga in cultivation, a very heavy yielder and a splendid keeper. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 75c, postpaid. Not prepaid, 5 lbs., \$2.50.

WHITE SWEET RUSSIAN. One of the sweetest and best of the white rutabagas. The roots are very large, globe-shaped, and white with a greenish shade at the top. The flesh is white, firm and sweet and keeps remarkably well. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid. Not prepaid, 5 lbs., \$3.75.

Will's Best Turnips

Culture. Sow seed early in the Spring for the Summer crop and about the middle of July for late crop. May be sown in drills or broadcast. One ounce will sow 150 feet of row, 1 to 2 pounds to the acre. About 2,200 seeds to the packet.

PURPLE TOP STRAP-LEAF. The most widely cultivated and best known variety. The roots are flat, medium sized, purple above ground and white below. The flesh is white, fine grained and tender. It is a quick grower and very productive. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 65c, postpaid.



Purple Top Strap Leaf.

EXTRA EARLY WHITE MILAN.

The earliest turnip, can be used Spring or Fall. The creamy white roots are medium sized, flat and uniform. The white flesh is fine-grained, tender and sweet, of splendid quality. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

EXTRA EARLY PURPLE TOP MILAN.

Nearly as early as White Milan. The roots are medium sized, white, with purple top. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 55c; 1 lb., \$1.00, postpaid.

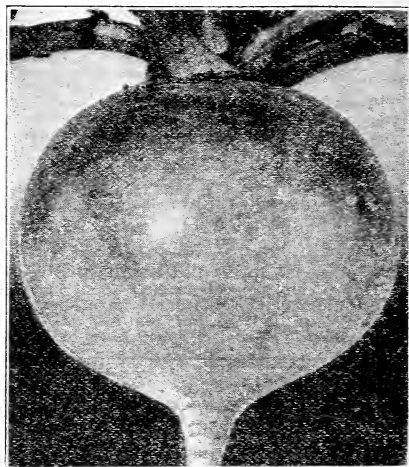
WHITE EGG. A medium sized, very early, snow-white variety, with firm, fine-grained flesh. Does not crack as readily as the flat varieties. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 70c, postpaid.

EARLY WHITE FLAT DUTCH. A very early flat turnip of medium size and clear white skin. The flesh is very white, fine-grained and sweet. One of the most popular sorts for home or market.

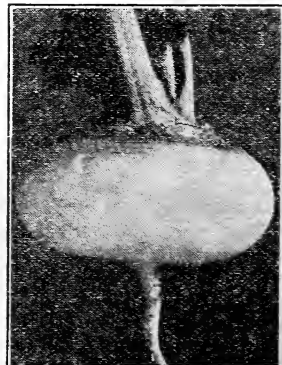
Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 30c; $\frac{1}{2}$ lb., 40c; 1 lb., 60c, postpaid.

PURPLE TOP WHITE GLOBE. A good-sized, globe shaped variety of fine appearance, a good producer and a fine keeper. The flesh is firm, fine-grained, tender and sweet. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 45c; 1 lb., 85c, postpaid.

YELLOW ABERDEEN. A long keeping, globe shaped, medium sized, yellow sort, tender and sweet fleshed. Pkt., 5c; oz., 10c; $\frac{1}{4}$ lb., 25c; $\frac{1}{2}$ lb., 40c; 1 lb., 60c, postpaid.



Purple Top White Globe.



White Flat Dutch.

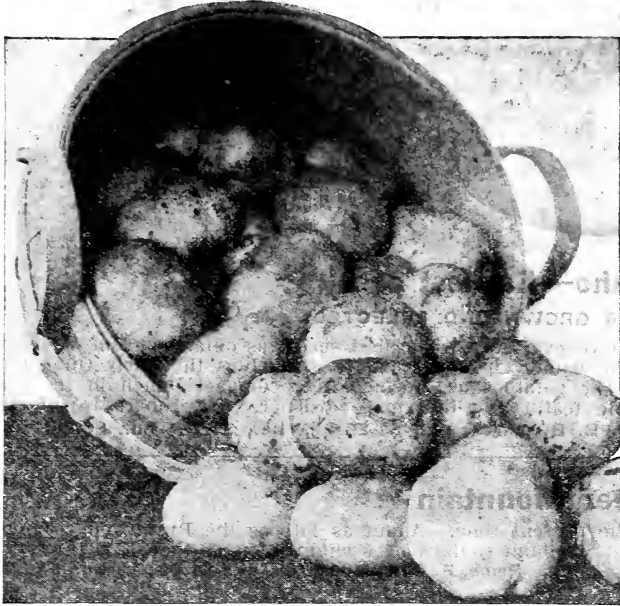
To tell you I have good success with your garden seeds, I have been your customer for the last twenty years. I have a big garden every year, and have plenty vegetables to last me year around besides, I sell a great deal. Hope I'll receive your new catalog for 1930.

MRS. WILLIAM CHYLO.

R. No. 1, Judson, N. D.

North Dakota Grown Seed Potatoes

All Potato Prices Subject to Market Changes. Write for Prices on Large Lots.
We Do Not Ship Potatoes Until Danger of Frost is Over.



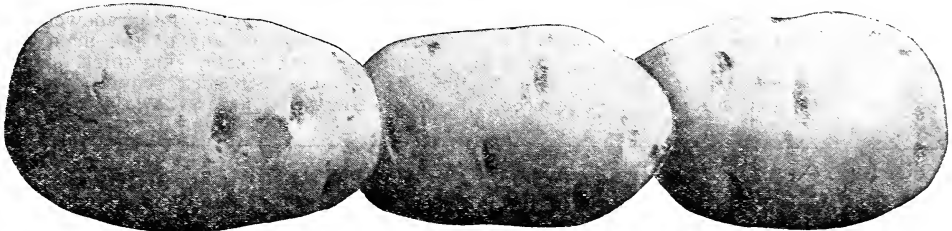
Irish Cobbler Potatoes.

North Dakota potatoes are recognized the nation over as the most vigorous, the cleanest and the best for seed that can be secured. Our seed is selected as far as possible for freedom from disease and is carefully sorted so that only the very best is sent out.

Selected Irish Cobbler Seed Potatoes

We have the finest stock of Cobblers procurable. The seed from which we raised them on our own land came to us with the official word that it was the best Cobbler stock in Montana.

But very little later than the Early Ohio, the Cobbler is a much heavier yielder and a better keeper. On well watered soils the yields are almost unbelievable. The Cobbler is a round white potato with few eyes and shallow, the flesh is mealy and of unusually good cooking quality. Altogether it is perhaps the most generally profitable variety. F. O. B. Bismarck, 1 pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bus. or more @ \$2.50 per bu.



Selected North Dakota Early Ohios

The Early Ohio is the standard seed potato of the country and North Dakota grown seed is recognized as best of all. Our stock is of the best selected strain, of good shape, clean and vigorous, and is all North Dakota grown. The Early Ohio is a heavy yielder, uniform in size and unexcelled in eating quality and is probably more grown than any other single variety of potato. F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bus. or more @ \$2.50.

Early Triumph Seed Potatoes

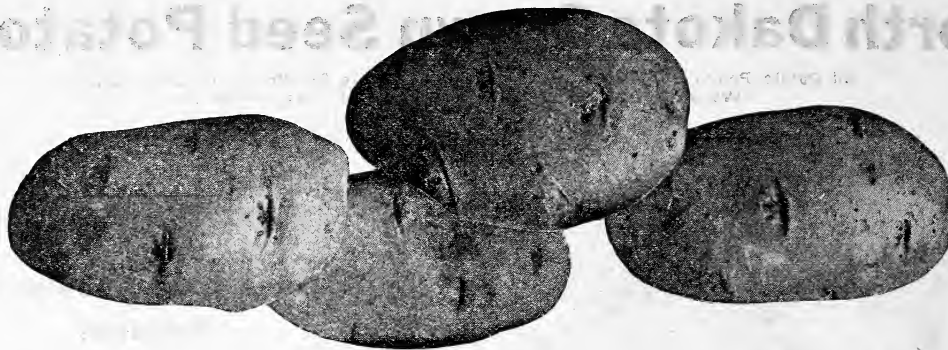
THE MOST POPULAR EXTRA EARLY SORT

The Early Triumph is a roundish, red potato, somewhat earlier than the Early Ohio and a very good yielder on good soil with fair moisture conditions. It is a great favorite at the present time, and many carloads of seed from our state are shipped south where they are used to produce the early crop for the large markets. F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bus. or more @ \$2.50.

Russet Main Crop White Potatoes

This is a medium late variety, a very heavy yielder under good conditions and a wonderful variety for keeping. Quality is very good as is the flavor. A somewhat long tuber with white skin marked by its thickness and the presence of a russet effect similar to russet apples. Price, F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bus. or more @ \$2.50.

See next page for Potato Eyes. See page 95 for Insecticides and Fungicides for Potatoes.



Early Idaho—Earliest of All

NORTH DAKOTA GROWN AND SELECTED

This is the very earliest potato that we have ever seen. The first seed was obtained from Moscow, Idaho, several years ago, which gave us the name. In appearance it resembles the Early Ohio, but is somewhat smaller and ten days earlier. The potatoes are formed in a compact bunch in the hill which permits of closer planting, a desirable feature for the small gardener. The tubers are of exceedingly good quality from the first. **F. O. B. Bismarck, pk., \$1.25; ½ bu., \$1.75; bu., \$3.25.**

Green Mountain

This is the most popular late potato at the present time. About as late as the Rural and as good or better yielder. A large white potato with medium shallow eyes slightly longer than it is through; of very high quality both as to eating and keeping. **Price, F. O. B. Bismarck, pk., \$1.00; ½ bu., \$1.50; bu., \$2.75; 5 bus. or more @ \$2.50.**

Blue Victor

The Blue Victor is an old variety like the Triumph that is coming rapidly into renewed popularity. It is probably the **best keeper**, and shows the best quality in Spring of any of the main crop sorts. The potato is oblong and slightly flattened, **flesh very white, dry and mealy**, skin thick and of a dark blue or purple color whence the name. Blue Victor is a medium late sort, requires good soil and moisture, and with them produces a **huge crop**. **F. O. B. Bismarck, pk., \$1.25; ½ bu., \$1.75; bu., \$3.00.**

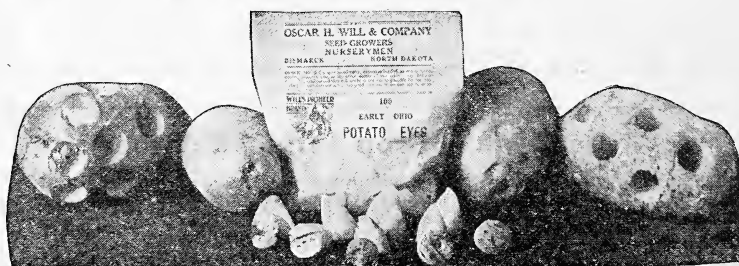
POTATO EYES

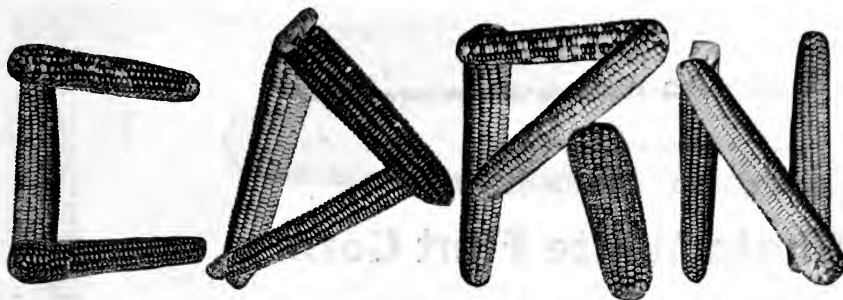
(By Mail or Express)

Plant 8,000 to 12,000 to the acre.

Unless the season is very dry these eyes, properly cut with a deep wedge of flesh as we cut them, will produce very nearly as good results as the whole potatoes. For those who live at a considerable distance, in view of the present transportation rates, and for those who are far from express or freight offices, potatoes in this form for planting are invaluable. We do not forward until danger from frost is past unless especially directed to ship on a given date.

EARLY IDAHO POTATO EYES. Per 100, 65c, postpaid. **F. O. B. Bismarck, 1000, \$4.75.**
EARLY TRIUMPH POTATO EYES. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1000, \$4.50.**
EARLY OHIO POTATO EYES. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1000, \$4.50.**
IRISH COBBLER POTATO EYES. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1000, \$4.50.**
BLUE VICTOR POTATO EYES. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1000, \$4.50.**
RUSSET POTATO EYES. Per 100, 60c, postpaid. **F. O. B. Bismarck, 1000, \$4.50.**





Pioneer Brand Seed Corn

FROM THE MISSOURI VALLEY IN NORTH DAKOTA

Prices of Seed Corn include sacks, are f. o. b. here and subject to prior sale and change without notice.

TEST ALL SEED CORN WHEREVER OBTAINED

The past season has been one of the worst for Corn production that we have ever known. Nevertheless we have a **good supply of 1929 crop, high quality Seed Corn** grown on our own contract fields here in **Burleigh County**. Certainly 1929 has demonstrated better than ever the fact that the **Corn crop never fails**. We have this year been particularly impressed with the wonderful performance of the **Falconer Corn**.

There is a State Seed Corn Law requiring every sack of Seed Corn sold to have a tag upon it **showing the State and County** in which the **Corn was grown**. Insist that this information be given you with every bushel purchased!

Seed Corn is our specialty—our stock is all grown from seed of our own selection. We hand sort all Seed Corn and both before and after shelling and testing store it in warm, dry buildings. No better grade of Seed Corn can be produced anywhere. **Remember, that we have bred and introduced practically all of the best varieties of Corn for the Northwest.** You will find them in the following pages.

Every lot of Corn is tested by us after being shelled and before shipment. In a favorable year we aim to keep our test above 90 per cent; in a year when seed is scarce, above 80 per cent. Mistakes will occur in the warehouse sometimes, and feed Corn or the wrong sorts may be accidentally shipped out. Always notify us at once of any mistake or cause for dissatisfaction and wait to hear from us before disposing of the goods. We are always glad to make things right.

Unusual and Interesting Varieties for Trial and Experiment

We know that many of our customers are interested in experimental work with Corn and in the observation of novel and little known sorts. We have therefore listed here a few of the many unusual types that we are constantly growing and observing, and we hope to present others each year.

Price, lb., postpaid, 50c. 5 lbs., f. o. b. Bismarck, \$1.00.

HOWE'S ALBERTA FLINT. Probably the **earliest yellow Flint Corn in the world**. Developed as a selection or accidental hybrid from Golden Bantam by Professor Howe at Edmonton, Alberta, Canada. If drilled at the rate of one-half bushel to the acre this will produce as high as fifty bushels of Corn. Undoubtedly has great value in hogging off.

BEAR ISLAND CHIPPEWA FLINT. This is perhaps the largest and heaviest yielding early Squaw Corn that we have. It comes from the Chippewa of Northern Minnesota and is especially adapted to damp and cool conditions.

DAUPHIN FLINT. This is a small and very early Flint Corn that has been developed in Manitoba considerably north of the latitude of Winnipeg. Its prevailing color is yellow though not quite pure. Exceedingly early.

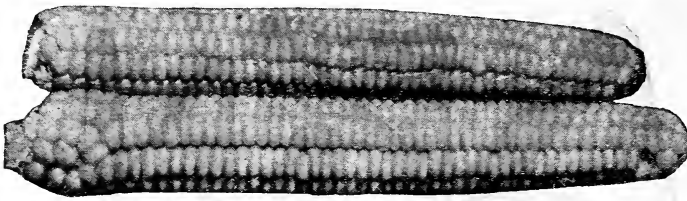
ZUNI BLUE. This is a medium late blue flour Corn. large and long ears and the thick, bushy habit of

growth which characterizes the peculiar, drought-resistant varieties of Corn from the Pueblo people of the Southwest.

ZUNI-FERUVIAN RED HYBRID. This is an interesting Corn particularly on account of the very dark reddish purple color which in many of the plants dominates ear, cob, stalk and leaves. It has possibilities as an ornamental.

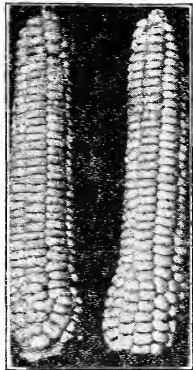
MANDAN YELLOW FLINT. This is a small, pure yellow Flint grown by the Ft. Berthold Indians. It is only a trifle later than Howe's Alberta and a heavier yielder. The Indians consider it to be the earliest of all their varieties.

MANDAN YELLOW FLOUR. This is in most ways similar to the White Flour except for the color. It is one of the original Mandan Indian varieties and the one which they consider their own special tribal variety.



Shota White Flint Corn

Upon which we have been working for a number of years, is a pure white flint with ears considerably longer than those of the Dakota, and kernels a trifle larger. It grows from 6 inches to 1 foot taller, and is about a week later. It produces quantities of fine feed as the main stalk is not heavy and there are many suckers. The ears grow well up from the ground. This variety is a cross made by us between a tall, rather late white flint from the Iroquois Indians of New York State, and our own Dakota White Flint. We feel that we have produced in SHOTA a new Corn of real value. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 1/2 bu., \$2.25; bu., \$4.25; 100 lbs., \$7.50.**



Mandan
White Flour.

Mandan White Flour Corn

North Dakota Grown for 200 Years—Requires No Grinding—Wonderful for Hogging Off

Government tests have demonstrated that the flour Corns are actually even higher in feed value than the dents and are much more easily ground up and digested by stock than any other type of Corn. In response to an urgent demand we have grown a sufficient supply of the white flour Corn from the Mandan Indians to be able to supply it at reasonable prices for field purposes. This is as early as the early flints, a very heavy yielder of both fodder and ears, and certainly worthy of trial either for hogging off or ripening. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 1/2 bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

Circleville, N. Y.

Two years ago I sent to you for Flour Corn and was glad to raise a quantity of the Mandan Flour; it yielded a bountiful crop, and my turkeys and hogs showed its value.

Very truly,

E. E. ABBOTT.

Mercer Yellow Flint

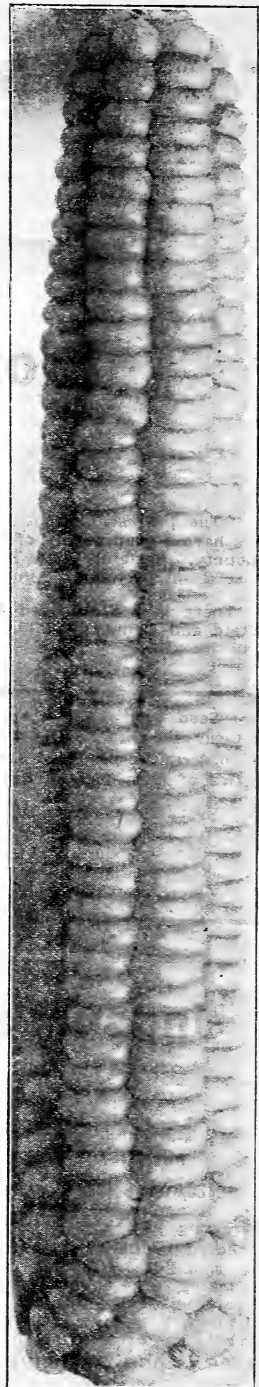
THE TALL, LEAFY SILAGE CORN

This is the second time for many years that we have listed the Mercer Flint. There is, however, quite a demand for it from the eastern part of the state, especially for silage purposes. There is little waste in converting it to silage on account of the slender stalk. Rather late, but often ripens. About as sure as early strains of Minnesota No. 13. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 1/2 bu., \$2.50; bu., \$4.75.**

Last Spring I bought most of my garden seeds of your firm, but my wife went to the store and got some seeds that came from a seed house further south. Now I can tell in the garden just which seeds came from the Pioneer Seed House as they are the only ones which have come up and are growing. It has been a bad spring for gardens and only the hardy seeds came through. My people have farmed in Dakota for three hundred years or more and know how to raise things here.

Sincerely your friend,

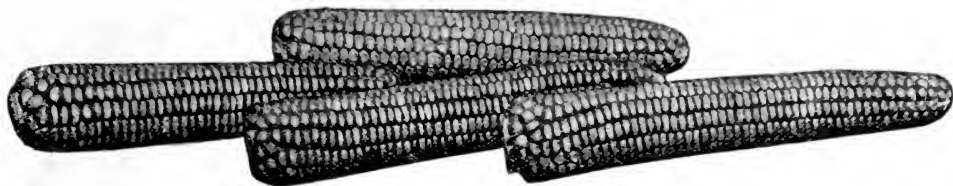
An Arikara Indian Farmer, RUNNING WOLF.



Shota.

**ORDER
SEED CORN
EARLY**

Falconer Semi-Dent

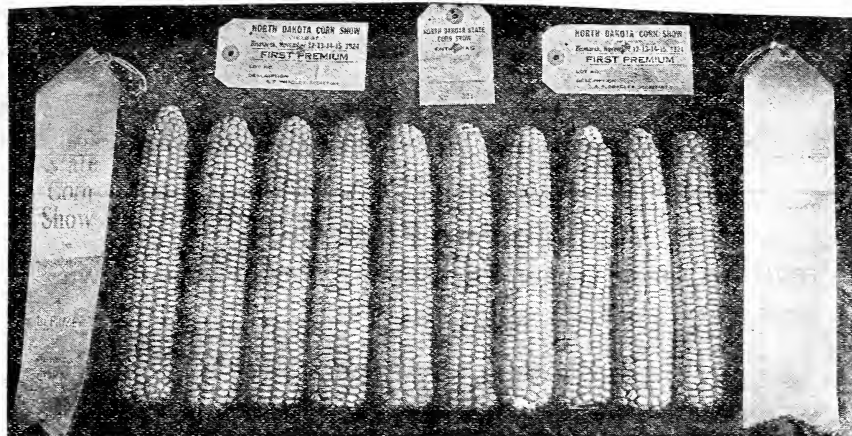


Best for the Northwest

Hardy—Heavy Yielding—High Quality

Falconer Corn has now definitely come to be the principal variety of Corn over the whole Northwest, and its popularity continues to grow in ever-widening circles. We believe it to be the most popular Corn that we have ever introduced, and our sales of Falconer are very much the largest. Our continued careful selection of seed each year demonstrates its value, and there can be no quarrel with the statement that **Falconer is the ideal type of Corn for drought, hail and cold resistance.**

It has been growing in its first form for more than 40 years in Burleigh County, being a cross between the early native Indian flint and some yellow dent brought in by one of our pioneer settlers. Mr. Angus Falconer began many years ago to select it for uniformity of appearance and our first stock came from him and was therefore named for him. It is consistently over our section the best yielder year in and year out of any sort and while it is by no means as handsome as the pure dents it is very much more productive on the average. It is of a slightly uneven yellow color, ears are high enough to be easily cut with a corn binder, stalks are leafy and produce a high tonnage of edible feed. Cobs are white, ears 12- to 14-rowed, and from 8 to 10 inches long. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$2.25; bu., \$4.25; 100 lbs., \$7.50. State Certified Seed, 50c per bu. higher.**



Prize Winning Falconer Ears.

We have an interesting letter from Mr. Walter I. Camp, R. 1, Bennett, Nebr., in which he gives his plan for hogging off corn over a long period. He says: "I plant such early sorts as Dakota Squaw, Gehu and Dakota White Flint in one field, in the next field I plant such sorts as Pioneer Dent and Falconer and in my third field the Blair Co. White. In this way I have a field of corn to turn the hogs or cattle in from the first of July until they are finished out. I usually mix the different kinds of seed together for each field, as I think the yield is more that way. This plan sure works dandy."

WILL'S DAKOTA WHITE FLINT

The Earliest, Most Drought Resistant, Highest Yielding of the Standard Early Flints.

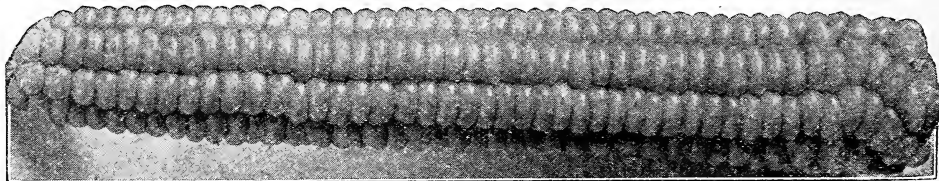


Dakota White Flint, the first Corn developed by Oscar H. Will in the early eighties, has stood the test of years and is a standard for earliness and hardness. It is a pure, pearly white flint with long, slender ears which shell out the maximum amount of grain. A great many ears are borne to the hill, which accounts for the exceptional yields, there being many reports of fifty and sixty bushels to the acre for small fields and forty to fifty bushels per acre in fields of forty, fifty or more acres.

Dakota White Flint Corn matures with an unusually small moisture requirement and is the most frost resistant, and hail resistant of any known variety.

Stalks are leafy and bushy in appearance, ears grow low on the stalk which attains a height of from four to six feet in a fair to good year, being somewhat shorter in dry seasons. A wonderful variety for feeding in the fields as there are no coarse stalks, and every bit of stalks as well as grain is consumed with gusto by stock.

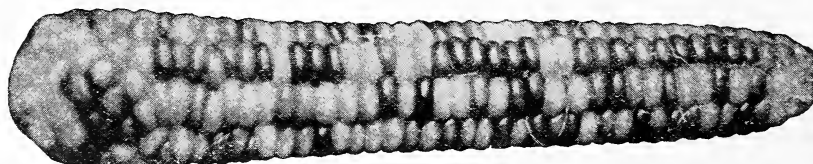
Do not confuse Dakota with other white flints. The Dakota is a grain producer with a small cob. Other flints with tremendous cobs which shell out a very low percentage are sometimes offered as Dakota. **Lb., 30c, postpaid. Not prepaid, 10 lbs., \$1.25; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00. State Certified Seed, 50c per bu. higher.**



Will's Dakota White Flint Corn.

Assiniboine Flint Corn

FROM THE CANADIAN INDIANS—EARLIEST TYPE OF CORN GROWN



This exceedingly early and hardy little Corn was secured by us from the Assiniboine Indians of Saskatchewan and has been raised there for decades. It is one of the very earliest and hardest types of Corn in the world. Ripens 10 days before the Gehu and Dakota so has an especially useful place in hogging off. Yields only 15 to 20 bushels if checked in but if drilled at the rate of 25 lbs. per acre will yield as high as 40 or 50 bushels per acre. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.**

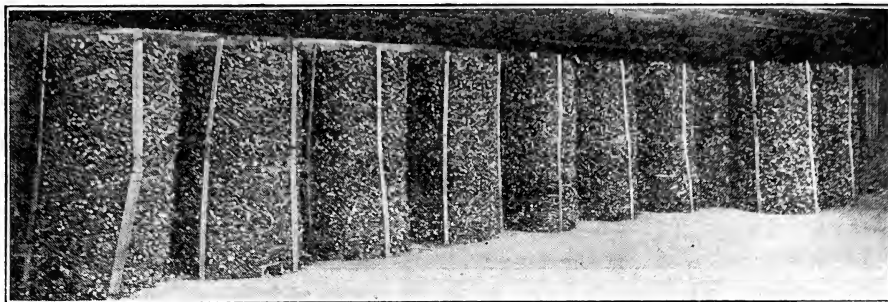
The Dakota Flint Corn I bought from you is tasseled and silked. Hope it makes good. I planted it March 10th. People would not believe it when I told them how early and short growing it was, and they came over and looked at it like it was a curiosity.

Very truly yours,

Perkinston, Miss., R. No. A.

FRANK M. DOERING.

Will's Gehu Yellow Flint



Gehu in Our Drying Crib.

A sow one spring had ten pigs born,
They left their mother for Gehu corn;
They grew and fattened on the corn they ate,
Producing ham and bacon at an early date.
This is a true story I have told,
Gehu corn is worth its weight in gold.

By CHARLES A. EVANS,
Cowboy Poem Writer.

Will's Gehu—Most Popular Flint

The best known of our native early flints; might well be called the **universal Corn**. We have shipped it to every continent and have had fine reports from it in Scandinavia, Northern Russia, Ireland, Scotland, South Africa and South America. It has been carefully bred by us for nearly forty years and shows the effect of this breeding. Its **feeding qualities are the highest** of any variety of Corn, it is leafy and produces a tremendous amount of excellent fodder, since there is no heavy stalk, and every part of the plant is utilized. It is drought, frost and hail resistant to a wonderful extent in addition to its great earliness. In good soil and under favorable conditions it may be cut with a Corn binder. **Gehu is of a lemon-yellow color, ears mostly twelve-rowed, 7 to 10 inches in length. Stalks 4 to 6 feet. Ears 10 to 15 inches from the ground. Hog raisers declare that hogs will fatten on Gehu at least a third faster than on any other Corn variety. This is said to be especially notable in hogging off when the hogs do not have access to alfalfa or sweet clover. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.25; 100 lbs., \$7.50. State Certified Seed, 50c per bu. higher.**



Gehu Ears.

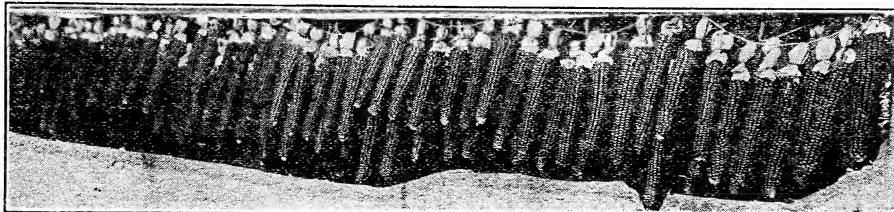
I have grown your Gehu Corn in Montana very successfully, and would like to try it in California.
Very truly yours,

MRS. EVA B. WRIGHT.

Your corn is sure growing good up here, we had a good stand of corn, when our neighbors didn't have much, it just froze a little too early.

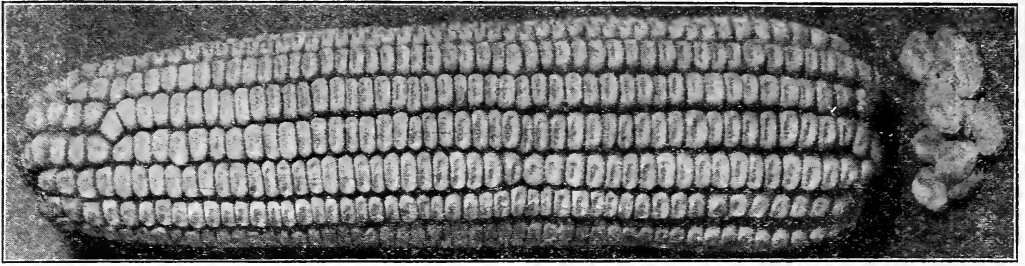
Yours truly,

CARL E. CARLSON.



Pioneer White Dent Corn

The Earliest, Hardest White Dent in Cultivation



Pioneer White Dent is perhaps the surest pure dent variety that can be grown in the Northwest, and is in addition the easiest dent to pick for those wishing only the grain crop.

It is perhaps even a little earlier than the Northwestern Dent, and cures much quicker, as the cob is smaller. The habit of growth is straight and tall, the ears are borne well up, and the production of ripe ears is very high.

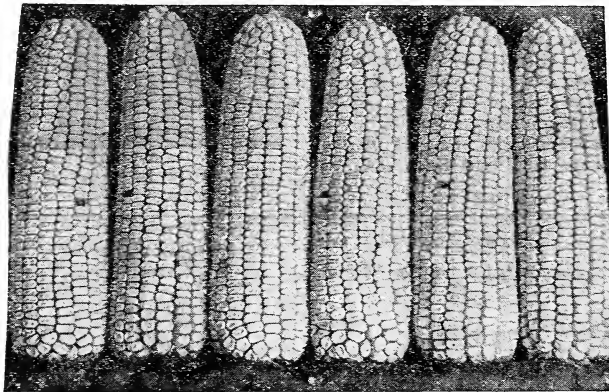
Pioneer Dent is the result of our own breeding and selection from a white dent obtained from Mr. B. F. Schuster of Wyndmere, N. D., twenty-three years ago, Corn which he had at that time raised for twenty years in North Dakota.

This Corn has never failed to produce some ripe Corn for us even in the worst years and has proved an unusual success in eastern Montana where it is very popular.

The ears average 6 to 8 inches long, gently tapering, 14 to 16 rows of kernels which are white with occasional pink shading; cob mostly white; stalks 5 to 7 feet high; ears 2 feet from the ground. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 1/2 bu., \$2.50; bu., \$4.25; 100 lbs., \$7.50. State Certified Seed, 50c per bu. higher.**

Minnesota 13 Yellow Dent

EXTRA EARLY STRAIN



Minnesota 13 Yellow Dent.

MINNESOTA 13 is one of the most popular varieties of Corn for silage and fodder purposes in the Northwest. It is adapted, however, only to good soil and favorable conditions. It will mature in a favorable year, but is on the average somewhat too late for anything but feed in our climate. Its yield of fodder and silage is very heavy and it attains near enough to maturity so that there is much dry matter in the content. It grows to a height of from seven to nine feet, depending on the season, usually bears two large ears to a stalk, which are many-rowed, and of a beautiful rich yellow color. Cob is red. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 1/2 bu., \$2.75; bu., \$5.00; 100 lbs., \$8.75.**

Dodson, Mont.

I have come back to farming again, and I sure want some of your Pioneer White Dent, which I used to grow, from your good seed. I always get good results from your seeds.

As ever, your soldier friend,

WILLIAM BALL.

Wimbledon, N. D.

I purchased two bushels of your white Flint Corn, and it was a good success. It was completely halled on the first of July, and it grew, up and made a good crop.

Yours,

AUGUST-ANDERSON.

Burleigh County Mixed or Dakota Squaw Corn

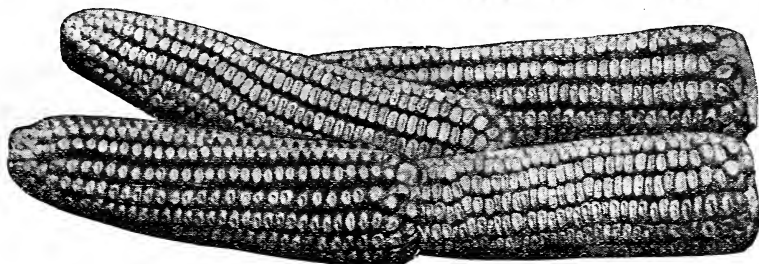
Hardy—Early—Heavy Yielding

This is a mixed form of the early flint and is the first variety listed by us after our business was started. It has retained its popularity through all the years since, on account of its **extreme earliness**, and its **unusual hardiness and heavy yield**. It is very resistant to both drought and frost and fully as heavy a yielder as any variety of early flint. It is a flint Corn of mixed colors, yellow, white, blue and red predominating, ears long and slender, mostly eight-rowed.

This Corn shells out heavier than any other variety. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; ½ bu., \$2.50; bu., \$4.50; 100 lbs., \$8.00.



Burleigh County Mixed or Dakota Squaw Corn.



Square Deal Yellow Dent.

Square Deal Yellow Dent

Earliest and Hardest of Yellow Dents

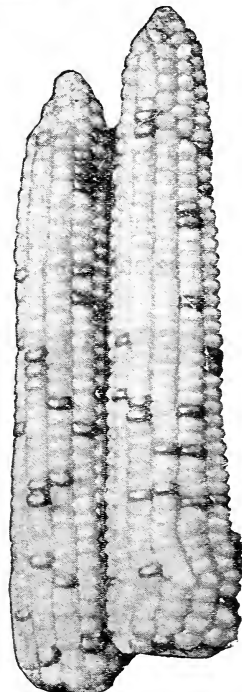
Square Deal was the first pure dent Corn introduced by us and still holds first place for earliness and hardiness in the Yellow Dent group. It was selected by Oscar H. Will and first grown in 1904. It is partial to a heavy, well watered soil and is not well adapted to light and dry locations.

Square Deal is a true yellow dent with a red cob. The ears grow six to eight inches in length and contain from 12 to 16 rows, the 12 row ears predominating. Stalks grow about seven feet, with the ears about two and one-half to three feet from the ground. It has **the deepest kernel of any of the acclimated varieties**, and although the ears are smaller than the Northwestern Dent, it shells at least 10 per cent more. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; ½ bu., \$2.50; bu., \$4.75; 100 lbs., \$8.25.**

Rainbow Flint for Fodder

This is South Dakota Grown

While we have not found Rainbow Flint to be a safe variety for maturing Corn in our state, we recognize its high value as a silage and fodder Corn, and since we have located a dependable supply of seed, we are once more listing it. Rainbow is one of the native varieties of flint from the Indians of Northern Nebraska, and possesses the leafy, heavy bearing qualities of the native types as well as its hardiness and weather resistance. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$2.00; bu., \$3.50; 100 lbs., \$6.00.**



Rainbow Flint.

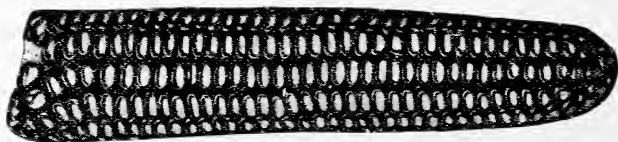
Will's Original Northwestern Dent

The **original Northwestern Dent Corn**, a history of which is given in Bulletin No. 107 of the Montana Experiment Station, was **introduced by Oscar H. Will** in 1896, and almost immediately attained great popularity over the whole Northwest. So much so in fact that corn of every type, color and description has since been sold under the name which we gave to this early red dent. Bloody Butcher and Calico from South Dakota and Nebraska have disappointed many a farmer who had bought them as Northwestern Dent, and found them too tall and too late to be of any value. **The only safe plan therefore is to buy Will's Original Northwestern Dent from Oscar H. Will & Co.**

Northwestern Dent has been in the past more extensively grown than any other variety in the Northwest. It is extremely hardy and will produce a crop when all other dents fail, owing to its frost and drought resistance. Our strain is the early one, from 5 to 7 ft. tall, and ripens in 80 to 90 days. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; ½ bu., \$2.50; bu., \$4.75.**



Will's Original Northwestern Dent.



Hybridized Northwestern Dent

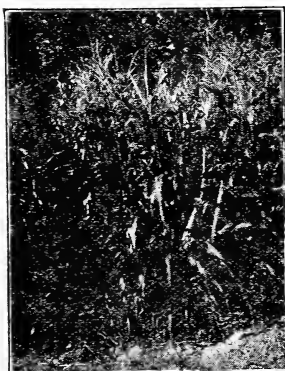
Hybridized Seed from Inbred Strains

The latest discovery in corn breeding has demonstrated that the **heaviest yields are obtained by crossing strains of corn which have previously been carefully inbred**. We began our inbreeding 10 years ago and have proved the improved yield from crossing by several trials. This is the third year we have been able to offer hybridized, high-yielding seed, but in 1927 our crop failed to germinate satisfactorily so that orders were not filled. This year our seed is of the very highest germination. **Lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; ½ bu., \$5.00; bu., \$9.00.**

Acme Fodder Corn

The Best Silage Corn For the Northwest

Acme fodder is a mixture of off type dent corn or of the local mixed strains or other early dents of which we may have an extra amount. Being a mixture it is ranker and more luxuriant in growth and a heavier producer. For this reason it is especially valuable for silage. It is easily handled with a binder and gives just about the right degree of maturity early enough for silo filling. **F. O. B. Bismarck, 10 lbs., 90; ½ bu., \$2.00; bu., \$3.75; 100 lbs., \$6.50.**



Acme Fodder.

The corn I bought of you last year proved out 100% and as dry as it was
 Redwater, Mont.
 I saved seed for this year.

J. R. STEPHENSON.

4X Fodder Corn—Tall, Leafy



Cutting 4X Fodder Corn.

The 4X is, we consider, the very best procurable fodder Corn for Northwestern conditions. We get this grown just far enough south so that **the maximum quantity of fodder is produced** and at the same time the stalks come near enough to maturity so that they are **not all water**. The best time to cut Corn for fodder is when the kernels are just past the roasting ear stage. Sow or drill ten pounds to one-half bushel per acre, if planted in rows 3 to 4 feet apart; if broadcast, use about 2½ bushels. **F. O. B. Bismarck, 10 lbs., 50c; ½ bu., \$1.50; bu., \$2.25; 100 lbs., \$4.00.**

Sweet Fodder Corn

Wonderful Feed For Milch Cows



Sweet Fodder Corn.

Sweet Fodder is coming to occupy a place of very high esteem as a feed for milch cows. Owing to the fact that **its sugar content is so high** it is a more concentrated feed than the ordinary Corn. It is likewise a heavy yielder as it is so bushy, and there are no heavy, coarse stalks which are usually waste. Prices are very reasonable this year. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.50; 100 lbs., \$8.25.**

Order Seed Corn early this season. A very short crop. Early frost in many places and a wet Fall have made first class seed corn scarce. We have the cream of North Dakota Grown Seed Corn.

A Corn Handbook for the Northern Great Plains

Corn Growing, Corn Cultivation, Corn Harvesting, Seed, Etc.

This is a new book covering the subject of Corn in the Northwestern States and Western Canada. It is written in popular style, yet at the same time gives the scientific facts about Corn growing, seed selection and food values of varieties. Deals with the history of Corn in the Northwest, varieties and their particular uses, seed Corn selection and breeding, methods of planting, cultivating and harvesting, and the utilization of the crop, under the varying climatic conditions of the Great Plains.

Published by the Webb Publishing Co., written by George F. Will.

Price, here, 50c. Postpaid to any address, 60c.

WILL'S CLEAN TESTED FIELD SEED

All prices include sacks. Remember this—it means a very great difference. Prices on all seed grain subject to change without notice.

We issue at intervals and as often as necessary, a Field Seed Price List, from January on, showing price changes and items on which we are sold out. We are always glad to mail it upon request.

Freight rates count these days. Remember that we are located in the center of North Dakota with two railroad lines at our service and direct routes radiating in every direction.

We offer herewith a selected list of seed grains all of which have proved exceptionally adapted to the Northwest. Most of them have been grown for us on contract and others have been bought only after careful examination.

NOTICE. We are marking our germination and purity tests on bulk shipments of seed grain, field seeds, and seed corn. These tests are arrived at by careful and scientific methods, and are as nearly exact as we can make them. It must be understood, however, that they are only for customer's guidance and are not a guarantee. Always make your own tests of seed grain and field seeds. Field seeds and grain are sold under the non-warranty clause on first inside cover.

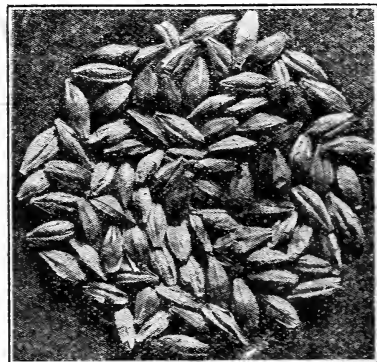
PIONEER BRAND SEED BARLEY

Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bushels per acre.

TREBI BARLEY This is a rather new six-row variety which has been giving exceptionally good results in eastern North Dakota, Minnesota and parts of Montana, as well as further south. It is a very heavy yielding sort wherever any six-rowed Barley is adapted, and under irrigation as well. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., 75c; bu., \$1.25; 5 bus. or more @ \$1.15.**

BLACK HULLLESS OR BALD BARLEY. A wonderful hog feed. Very early and a heavy yielder under fairly good conditions. Does well even on rather poor soil and if planted early will make a crop for hogging off in late July. Shells out of the head like wheat and is even heavier, weighing as high as 66 lbs. per bu. Drought resistant to a considerable degree. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 50 lbs., \$1.50; 100 lbs., \$2.75.**

CHARLOTTETOWN NO. 80 BEARD SHEDDING. This is a New Two-Row Barley developed on Prince Edward Island and now grown in a great many parts of Canada, where it not only outyields other sorts but produces a superior grade of grain which commands a premium. It has been grown in our own state for several years now with the same good results. It has been demonstrated that the two-row Barleys are the best for at least the west half of North Dakota and this barley has the very great additional advantage that most of the beards are shed when the grain is ripe and are left on the ground at harvest time. The accompanying photograph shows the appearance of the ripe heads. Matures in about 95 days. Very close to the Hannechen in many ways. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., 70c; bu., \$1.25; 5 bus. @ \$1.20.**



Trebi Barley.



Black Hullless Barley.

BURBANK'S WHITE HULLLESS OR BALD BEARDLESS. This is a six-row, beardless Barley which threshes out of the straw like wheat, producing a grain which resembles durum wheat in some respects and is exceedingly heavy. It is a good Barley for dry sections as it is very early. Especially valuable for hogging off as there are no beards to bother the stock, as well as a wonderful hog feed when ripe and threshed. It is also sown for early hay. Sow 90 to 100 lbs. per acre. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$1.75; 100 lbs., \$3.25.**

GENUINE BEARDLESS BARLEY. This is not the hullless Barley but the real old-fashioned extra early beardless Barley, which we used to list and of which we lost our seed. It is most in demand, on account of its earliness and freedom from beards, for hogging off in the field. Our supply is limited. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; $\frac{1}{2}$ bu., 80c; bu., \$1.25; 5 bus. or more @ \$1.20.**



Charlottetown Barley.

Pioneer Brand Seed Oats

Sow 1 to 2½ bushels per acre. Grain and Grass Seed Prices Subject to Change Without Notice.



Victory Oats.

VICTORY OATS. An improved Oat of the Swedish Select type, produced by the famous Swedish grain breeding station and brought to this country a few years ago. We are listing it instead of the old Swedish Select as it is giving so much better results. It is now perhaps the most popular variety throughout the Northwest, and has proved itself to be a wonderful yielder, with stiff straw, drought and rust resistant and medium early. In the past year or two many yields of seventy to one hundred bushels to the acre have been reported. The grain is exceedingly plump and heavy. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; ½ bu., 50c; bu., 85c; 100 lbs., \$2.60; 10 bus. or more @ 80c.**



Gopher Oats.

GOPHER. The New Early and Heavy Yielding Oat. A product of the Minnesota Experiment Station breeding work. Gopher Oats have demonstrated their value in our own state through their yields the past two years. Both in 1925 and 1927 they produced well over 60 bushels per acre, and even in 1929 were not a complete failure. A development by breeding and selection from the Kherson or Sixty Day type they combine extreme earliness with remarkable yielding qualities. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; ½ bu., 50c; bu., \$1.00; 100 lbs., \$3.00; 10 bus. @ 90c.**



Field of Early Mountain No. 2.

EARLY MOUNTAIN OAT NO. 2 (Dickinson Sub-Station Strain). An Oat of our introduction which has been improved by selection work at the U. S. Sub-Experiment Station at Dickinson. For all of fifteen years it has proven itself in recorded tests the best all-round Oat for the western half of the state. A white Oat, very heavy with a thin hull, a good yielder and very hardy. First brought here from Switzerland by Mr. John Yegen, a Bismarck pioneer. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; ½ bu., 50c; bu., 90c; 100 lbs., \$2.70; 10 bus. or more @ 85c.**

SIXTY DAY OR KHERSON. This is the earliest Oat grown and ripens before wild oats under usual conditions. It is especially recommended by agricultural authorities for the drier sections and has given unusually good results in Western North Dakota and Eastern Montana. Kernels small, hull very thin and yellowish white in color, of excellent feeding qualities and a good yielder for so early an Oat. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 35c; ½ bu., 45c; bu., 85c; 100 lbs., \$2.60; 10 bus. or more @ 80c.**

Pioneer Brand Seed Wheat

Prices Subject to Change and Quoted F. O. B. Bismarck. Write for Our Figures On Large Lots.
Sow one to one and onehalf bushels per acre.



CERES HARD SPRING WHEAT. Ceres is the most important Wheat introduction since the Marquis first came in. It is **very rust resistant, high yielding** under nearly all conditions, does not shell out badly, has a **very excellent milling and baking test**, and is slightly earlier than Marquis. CERES is a bearded Wheat, being a cross between Kota and Marquis. It is a product of the breeding work of the North Dakota Experiment Station. We offer **State Registered and Certified Seed of the Ceres. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.25; bu., \$2.25; 5 bus. or more @ \$2.10.**

GARNET. (From Canadian Registered Seed). Garnet is considered the best of any of the newer Canadian varieties. It is particularly an **early Wheat**, being from 7 to 10 days earlier than Marquis. That means that it is often **out of the way before rust or dry weather strikes**. In its tests in North Dakota it has yielded very well in comparison with other sorts. Altogether it is probably the **very best of the early sorts** which includes the Ruby, Quality, and the like. It is beardless with a medium length, rather plump kernel. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.20; bu., \$2.00.**



Marquis Wheat.

MARQUIS WHEAT. This variety is too well known to require any description. Our stock is **grown especially for us from a registered stock of seed which we secured in Canada.** It gave a fair crop this year which was unaffected by rust, and weighs over 60 lbs. to the bushel. Marquis is still the **standard Wheat of the Northwest. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.25; bu., \$2.10; 5 bus. or more @ \$2.00. Registered Seed, 25c per bu. higher.**

KUBANKA DURUM. Kubanka is the **standard of quality for Durum Wheat**, a standard equalled by few. It is to a considerable extent rust resistant, and high yielding. Although one of the first varieties grown it still ranks with the very best. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.00; bu., \$1.85; 5 bus. @ \$1.80.**

MINDUM DURUM. This Durum Wheat from the Minnesota grain breeding experiments is perhaps the **outstanding Durum today.** It is **very rust resistant**, and produces macaroni flour of **higher quality** than any other sort except Kubanka. It is very heavy yielding, does not shell badly and has a fairly stiff straw. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.10; bu., \$2.00; 5 bus. @ \$1.90.**

D-1 or MONAD DURUM. This is probably the **most rust resistant** of the high quality Durums. It is also one of the most drought resistant sorts. It is a product of the North Dakota Experiment Station. To all intents it is practically the same Wheat as the Acme variety. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 50c; 1/2 bu., \$1.10; bu., \$1.90; 5 bus. @ \$1.85.**



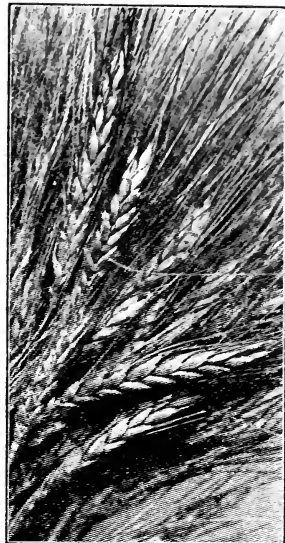
Kubanka Durum.

Speltz or Emmer

40 lbs. to the bu. Sow $1\frac{1}{2}$ to $2\frac{1}{2}$ bus. per acre.

SEED SPELTZ or EMMER. Speltz needs little praise as it is too well known to all our customers. The great drought crop, it is as well the most widely valuable of any grain we have. Excellent alike for horses, cattle, hogs or poultry, it is certainly a general purpose grain. Speltz as well as being so universally valuable is one of our surest drought resistant crops and in conjunction with corn will insure feed in the worst years. Per lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., 60c; bu., \$1.00; 100 lbs., \$2.40.

YAROSLAV EMMER. We are this season able to offer again a named variety of emmer or speltz. We have watched the field carefully during the growing season and harvest, and we feel pretty well convinced that the Yaroslav is in a number of respects, including yield, much better than the common strains. Lb., postpaid, 35c. F. O. B. Bismarck, 10 lbs., 50c; $\frac{1}{2}$ bu., \$1.00; bu., \$1.50.



Speltz.

Pioneer Brand Seed Flax

Prices subject to change. Write for quantity prices.

Prices include sacks.

Sow $\frac{1}{4}$ to $\frac{1}{2}$ bushel per acre.

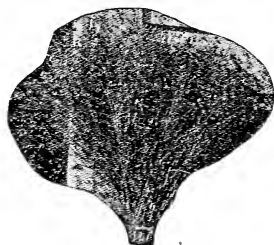
BISON FLAX. This is one of the most recent introductions from the North Dakota Experiment Station and is notable for the large size of the seed, as well as for its nearly complete resistance to wilt, its vigor and very heavy yield. Perhaps the finest of the new strains in many

respects. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; $\frac{1}{2}$ bu., \$2.75; bu., \$5.00. State Certified Seed, 25c higher.

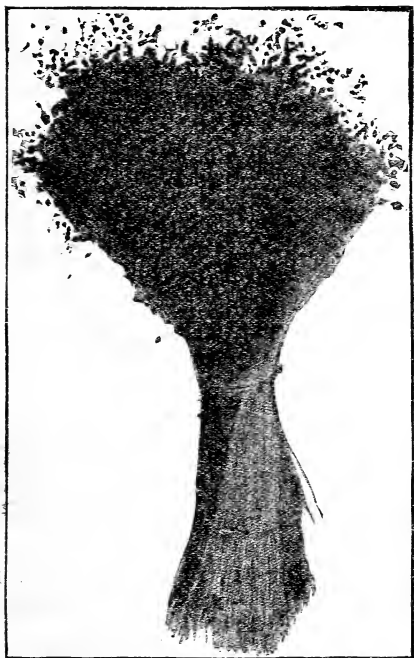
BUDA or N. D. No. 119. This is one of the very latest and best of the resistant flax varieties. A tremendous yielder in comparison with the common varieties. It is a very tall and heavy growing variety and has given excellent results in all parts of the Northwest. The supply is still not adequate for all demands but we have a very fair stock. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; $\frac{1}{2}$ bu., \$2.50; bu., \$4.75.

ARGENTINE FLAX. This is a new sort brought in from Argentine Republic not long ago. It is a very tall, and large variety, a heavy yielder, and is said to be just as wilt resistant as our special resistant sorts. Has given excellent results in many places. Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., 90c; $\frac{1}{2}$ bu., \$2.40; bu., \$4.50.

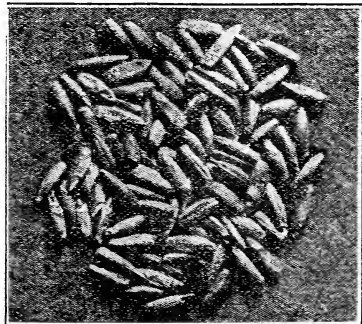
CHOICE CLEAN SEED FLAX. While we do not like to give up time and space for handling the common flax, yet the demand has been so urgent that we have planned once more to carry a limited supply of good quality seed. Samples sent on request and prices quoted. Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; $\frac{1}{2}$ bu., \$2.25; bu., \$4.25.



Bison Flax.



Common Flax.



Spring Rye.

Pioneer Brand Seed Rye

Sow 1 to $1\frac{1}{2}$ bushels per acre.

NORTH DAKOTA GROWN SPRING SEED RYE. Spring Rye is one of our most valuable crops, and is available for a number of uses. On light, poor soil it is the only small grain crop that will produce profitably. Sown late in the season it makes an excellent hay crop, and it may also be sown and used as hog or sheep pasture, with very good success. Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 40c; $\frac{1}{2}$ bu., \$1.00; bu., \$1.65; 100 lbs., \$2.85.

Prices on Winter Rye furnished on request after July 15th—we always carry Winter Wheat and Winter Rye in stock.

Sorghums

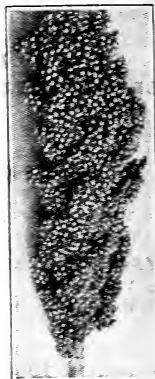
Prices Include Sacks and are Subject to Change.

Write for Special Prices on Large Lots.

The Sorghums are coming more and more to occupy an important place in the agriculture of the Northwest as diversified farming increases. Being extremely drought resistant as well as very heavy yielders they are among the very best crops for the whole section, and no better feed for dairy cows or beef stock can be grown. **Do not plant Sorghums before June.**



Amber Cane.



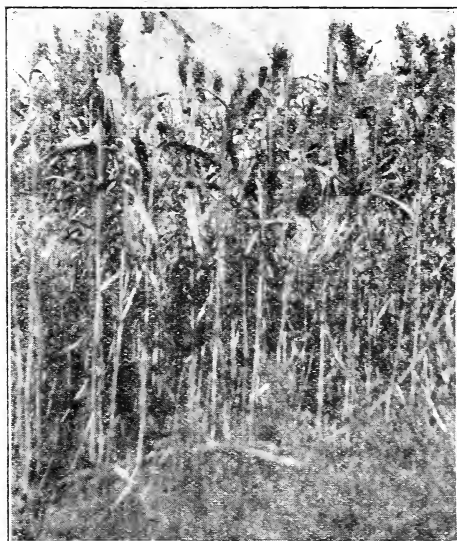
Feterita.

EARLY AMBER CANE SEED. Cane is rapidly gaining in use as a cow feed, both for the silo and to cut and dry for fodder. The EARLY AMBER variety is the earliest and the only one coming near enough to maturity to be valuable in the Northwest. It is very drought

resistant and will stand still during dry weather and start to grow again with the first rain. May be broadcast at the rate of 40 to 50 lbs. per acre or drilled at the rate of 20 to 30 lbs., or even better, planted with a corn planter at the rate of 5 or 6 lbs. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.00.**

DAKOTA AMBER CANE. The best sort for syrup making in the North. This is seed of the amber variety which has been raised in one of the Dakotas or Minnesota, and which is perhaps a trifle earlier than the southern grown, and not quite so tall. **1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**

FETERITA. This is the earliest of the so-called non-saccharine sorghums, a relative of Kaffir corn but earlier. One of the most drought resistant of all forage plants, more so than cane, and in a favorable season will mature in some parts of the Northwest. An excellent silage and forage crop, and the ripe seed is a fine grain feed. **Postpaid, 1 lb., 20c. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$4.50.**



Field of Early Amber Cane.

ability to all sections of our state, and the fact that it will produce from two to three crops of hay instead of just one places it ahead of most other crops. It has been especially valuable in the drier sections of the Great Plains, even north into Canada. As hay it is valuable alike for cattle, horses, and all other livestock, not having any ill effects of any kind. It is equally valuable as a pasture, producing an unbelievable amount of feed for hogs, cattle or sheep. In poor soil drill in rows 18 to 30 inches apart and cultivate: on well watered land it may be drilled thickly or broadcast. In the first case use 4 to 6 lbs. per acre. When sown thickly use 16 to 20 lbs. Sowing before warm weather stunts the crop. **Lb., 30c, postpaid. F. O. B. Bismarck, 5 lbs., 50c; 10 lbs., 80c; 50 lbs., \$4.00; 100 lbs., \$7.00.**

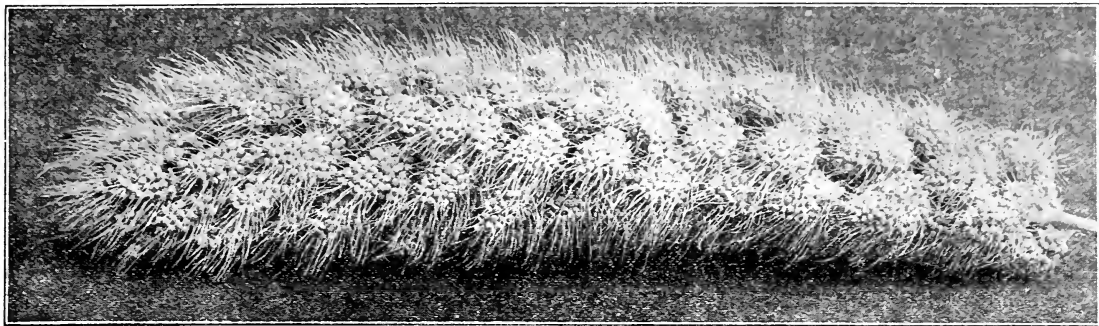
Sudan Grass Seed

SUDAN GRASS. Sudan has come to be one of our most important hay crops in the Northwest, replacing the millets to a considerable extent. It has proved its suitability



Cutting Sudan on a Ranch in Western North Dakota.

Pioneer Brand Millet Seed



White Wonder Millet.

Millet prices include sacks, and are subject to market changes without notice. Write for prices on large lots. Sow 15 to 30 pounds per acre. In case of price advances or reductions, value will be sent. Get Our Special Price List, issued at intervals after January 15th.

WHITE WONDER MILLET. The White Wonder has come to be recognized as one of the very best hay millets for the Northwest. It is drought resistant with heavy foliage and broad leaves, producing an immense amount of excellent fodder. Its growth is very vigorous and it is one of the very heaviest yielding varieties. Due to its rapid growth it is a fine crop for smothering weeds on foul land. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.25; 100 lbs., \$4.00.

SOUTHERN GROWN GERMAN MILLET. This is German millet, sometimes called Golden, raised in the latitude of Kansas and southern Nebraska from which region comes the German millet best adapted to our requirements in the Northwest. A wonderful producer of hay and exceedingly valuable as a food for dairy cattle though the stalk is sometimes considered too coarse. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 75c; 50 lbs., \$2.75; 100 lbs., \$5.50.

HUNGARIAN MILLET. This variety is one of the best adapted to northern conditions of any sort. It is better suited to cooler weather than any other kind, and under such conditions will mature seed which does not degenerate as does the northern grown seed of some sorts. It is an exceptionally fine hay crop as to quality and fineness and a good yielder as well. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.00.

SIBERIAN MILLET. This variety is the most planted of the extra hardy sorts. It is more drought resistant than the German and produces a finer quality of hay, although it is slightly outyielded by the German under favorable conditions. It does not degenerate from being planted in the North as does the German and therefore northern grown seed is fully the equal of the southern. The seed is mostly red with some lighter mixture. We have both northern and southern grown stocks. 1 lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.50; 100 lbs., \$4.50.

JAPANESE MILLET. This variety is of a different family from the others. It does best on heavy, moist soil where it will usually produce two cuttings or a great amount of pasture. It is better for horses than the ordinary sorts. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 80c; 50 lbs., \$5.50; 100 lbs., \$10.00.



Siberian Millet.



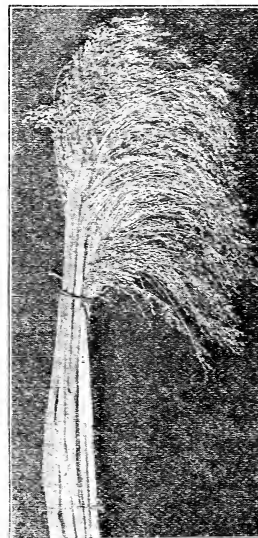
Siberian Millet.

Proso Type Millet

EARLY FORTUNE or RED PROSO. This red form of the proso or hog millet type is in especial favor for mixture in poultry foods and many tons are imported every year for that purpose. One of the surest crops in the Northwest, and especially valuable as a grain crop for late planting. 1 lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 50 lbs., \$1.80; 100 lbs., \$3.50.

BROOM CORN or HOG MILLET. This is the most common of the millets grown for seed production. The seed is an excellent feed for hogs, cattle and poultry. It is said to be very good also as a breakfast food for human consumption. The seed has very high food value. A great drought resister. Color whitish yellow. Postpaid, 1 lb., 20c. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.00; 100 lbs., \$3.75.

TAMBOFF or TURGHAI PROSO. We are exceedingly glad to be able to offer once more this very excellent variety of proso which we have been unable to furnish for the past year or so. We believe it to be the heaviest yielder of any proso, the earliest, and a tall growing, non-lodging variety as well. The seed is a rich, dark reddish brown in color, and of very beautiful appearance. Sells on the market at red proso prices. Very valuable as poultry feed for all kinds of stock, the straw also having unusually good feeding quality. 1 lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., 70c; 50 lbs., \$2.25; 100 lbs., \$4.00.



Early Fortune.



Sheep in Rape.

PIONEER BRAND BUCKWHEAT

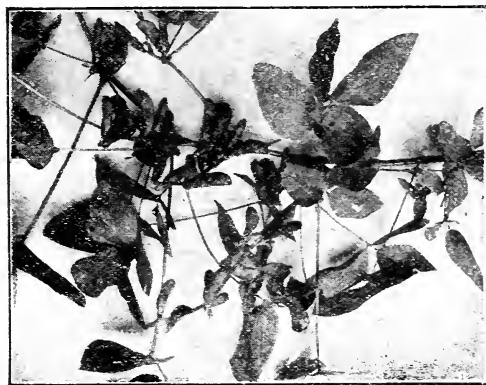
Sow $\frac{1}{2}$ to 1 bushel per acre, or 25 to 50 lbs.

JAPANESE. The Japanese Buckwheat is the largest seeded variety grown, as well as the hardest. It is a week earlier than the other sorts, stands up and produces a crop on poorer soil and is of good milling quality. We therefore consider it well suited to our climate even though the yield under the best conditions may fall a little short of the later sorts. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**

SILVER HULL. This is the later, heavier yielding variety which is common in the East, and which is used so extensively there as a late crop, and as a smothering crop for land badly infested with weeds. Buckwheat is an excellent poultry food, a fact that is too little appreciated by most poultry raisers. **Lb., 20c, postpaid. F. O. B. Bismarck, 10 lbs., 60c; 25 lbs., \$2.00; 50 lbs., \$3.25; 100 lbs., \$6.00.**



Buckwheat in Bloom.



Soy Beans.

MINNSOY SOY OR SOJA BEANS

HARDY NORTHERN GROWN AND ADAPTED

Soy Beans have been proven to be a good crop wherever in the Northwest the early dent corn can be matured. They are of value in a number of ways, having an unusually high food content both as green feed, hay and ripe grain, as well as a soil restoring power that equals or exceeds that of clovers. Even the dry threshed straw is said to be more palatable than the best hay. Soy Beans are an especially good crop for light soils and in sandy location. Remember that we offer only northern grown seed of the earliest sorts. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$4.50; 100 lbs., \$8.00.**

PIONEER BRAND FIELD PEAS

NORTH DAKOTA GROWN EARLY CANADA FIELD PEAS. Field Peas are one of the most useful of crops. The straw is equal to clover hay, and the grain is one of the most nourishing of foods for all kinds of stock. In order to aid in harvesting it is recommended that they be sown with oats or Spring rye. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$5.00; 100 lbs., \$9.00.**

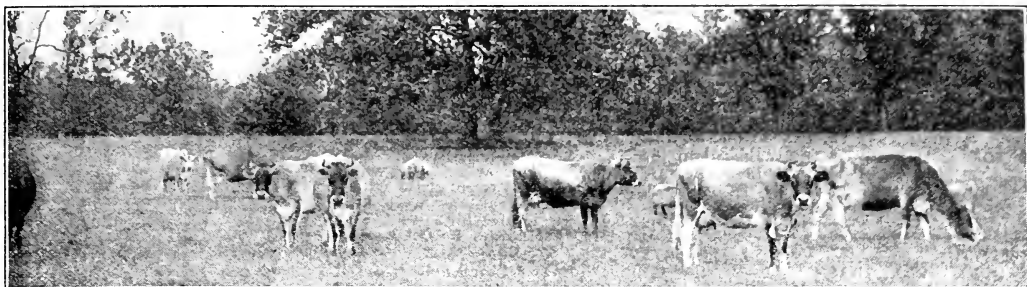
WHITE MARROWFAT PEAS. Not only a heavy yielding field Pea but a good green Pea and much used for canning. Shorter than Early Canada, averaging about 3 $\frac{1}{2}$ feet high, and somewhat later, it is a heavy yielder of ripe Peas and the quality of them is better. It will stand more hardship in the way of drought, etc., than any other sorts. **Lb., 25c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.25; 50 lbs., \$5.50; 100 lbs., \$10.00.**

SUNFLOWER SEED

MAMMOTH. An established silage crop for the Northwest as well as a profitable seed crop, the Sunflower is being used more and more each year. It is a plant which originated in the plains region of North America whence it has been carried to all parts of the world and it is therefore especially adapted to our climate. Has produced as high as 12 tons of silage per acre in Western North Dakota, and the silage is of exceptionally fine quality and much relished by cattle. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 25 lbs., \$3.00; 50 lbs., \$5.50; 100 lbs., \$10.00.**

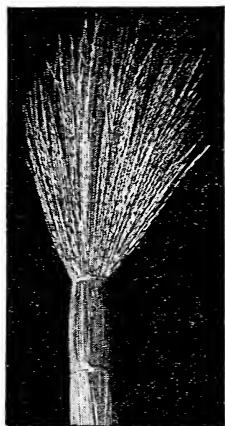
COW PEAS

WHIP-POOR-WILL. This is a soil-enriching legume about which too little is known in the Northwest. The Whip-poor-Will is an early variety maturing in about 90 days. Cow Peas, ripe, are valuable either as human food or food for stock. The vines make the finest kind of hay, green, and are eaten by stock; are an excellent silo filler, and may be pastured by hogs or cattle. Do not plant until the ground is warm. For pasture, hay or soiling, broadcast or drill with a grain drill at the rate of one bushel per acre. For seed sow in rows 36 inches apart and cultivate. **Lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.75; 50 lbs., \$7.50; 100 lbs., \$14.00.**



Will's Pioneer Brand Grass Seed

BROME GRASS—BROMUS INERMIS (Austrian or Russian). Brome Grass, which has come to be the most important tame grass for Northwestern conditions, is an exceedingly valuable pasture grass, especially for early Spring and late Fall, but produces only a rather poor quality of hay. **For hardiness and general resistance to severe conditions, it is unequalled.** Is a good producer of turf and valuable on sandy soils, as it roots deeply and binds loose soils together. A very large percentage of brome grass seed contains also seeds of the noxious quack grass. Such seed is not permitted to be sold in North Dakota by state dealers over whom our State Seed Commissioner has control, but may be shipped in by outside dealers. We urge, therefore, that you **buy brome grass seed from reputable seedsmen within the state**, whose seed has been inspected and passed on in the State Seed Laboratory. We confine ourselves to the North Dakota grown product, which is heavier and germinates a greater per centum than any other we have ever tested. The seed we offer is thoroughly matured and dry. Sow 7 to 15 pounds per acre. **Lb., 35c, postpaid. F. O. B. Bismarck, 15 lbs., \$2.50; 50 lbs., \$7.50; 100 lbs., \$14.00.**



Western Rye Grass.

WESTERN RYE or SLENDER WHEAT GRASS.

The best hay grass for the Northwest, the best dry land lawn grass, hardy, drought resistant, of good quality, a native variety. This grass is being increasingly grown in the Northwest and wherever tried gives the greatest satisfaction. In Canada it is already recognized as one of the most important features of their agriculture. It is not as rank a grower as brome grass but is relished more by stock. Does not suffer from close pasturing and makes an excellent hay. We have demonstrated by experiment during the past several years that it is the best grass to use for lawn purposes under severe conditions and where water is not available. It stands cutting better than the brome grass and looks much better on account of its finer foliage. **Postpaid, 1 lb., 30c; 5 lbs., \$1.20. F. O. B. Bismarck, 15 lbs., \$2.25; 50 lbs., \$6.50; 100 lbs., \$12.00.**

CRESTED WHEAT GRASS. The newest and very best Grass for the Plains Regions. Crested Wheat Grass is an introduction by the Bureau of Plant Industry from the steppes region of Siberia. It is adapted to a rainfall under 20 inches. In comparison with slender wheat grass and brome grass it is a slightly heavier yielder of hay, producing from 1 to 1½ tons per acre. It becomes green in Spring even earlier than brome grass and stays green later in the Fall. Where the slender wheat grass will not spread to any extent, the crested wheat will spread widely and completely cover the ground. This is undoubtedly the most important grass introduction that we have for the general plains conditions. Absolutely cold hardy. **Lb., 50c, postpaid. F. O. B. Bismarck, 10 lbs., (enough for one acre), \$3.50; 50 lbs., \$16.00; 100 lbs., \$30.00.**

MEADOW FESCUE or ENGLISH BLUE GRASS. This grass, while not as valuable as Bromus and Western Rye, is one of the earliest grasses for the Northwest. It is an excellent permanent pasture grass, and the quality of the grass is high for feed purposes. This grass roots deeply and therefore withstands drought and heat exceptionally well. It also withstands severe cold very well. Also useful for a hay producer, growing to the height of three feet, and possessing very nutritious qualities. Sow 15 to 20 pounds per acre. **1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; 50 lbs., \$8.50; 100 lbs., \$16.00.**



Austrian Brome Grass.

GRASS SEED—Continued.

PIONEER BRAND TIMOTHY SEED. We offer only North Dakota grown Timothy seed which is from acclimated fields. Timothy is the best known and most extensively grown tame grass in the country. It is hardy grass so far as standing the Winters, but does not do well in a dry year or on poor soil. For rich, well watered land no grass can equal it, elsewhere; we do not recommend it for the Northwest. 1 lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.00; 50 lbs., \$4.00; 100 lbs., \$7.75.

RED TOP or HERD'S GRASS. Useful in the Northwest principally for seeding low moist spots, slough beds, basins, and any place where the water may stand at times. It is hardy in such places and will even grow where there is some alkali present. An excellent pasture grass as well as a hay producer. We handle only the fancy solid seed, of which only 4 to 5 pounds are required to the acre. 1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; 50 lbs., \$13.00; 100 lbs., \$25.00.

KENTUCKY BLUE GRASS. We handle nothing but the fancy, clean seed, the very best procurable, without regard to cost. Blue Grass is not valuable as a hay crop but makes good pasturage. It will stand considerable hardship, but should not be sown on high rolling prairie land in the Dakotas, as in such localities it is liable to be damaged in case the soil freezes up dry in the Fall. Sow 20 pounds per acre. 1 lb., 65c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.00; 50 lbs., \$16.00; 100 lbs., \$30.00.

Will's Emerald Lawn Mixture

Registered U. S. Patent Office

This lawn grass mixture has been planted in the Northwest for forty years, and beautiful lawns in every town in North and South Dakota and Montana prove its value.

There are no coarse seeds in this mixture. Use 1 lb. to 200 square feet. The mixture is composed of only the highest grade seeds of the several varieties of grass of which it is made up. No clover is contained in the formula, but we are glad to supply White Dutch Clover at catalog price and add it to the mixture without charge for mixing.

If you want a good lawn in North Dakota buy Will's Emerald Lawn Mixture. Accept no substitutes. Lb., 50c, postpaid. F. O. B. Bismarck, 5 lbs., \$2.00; 10 lbs., \$3.50; 20 lbs., \$6.00; 100 lbs., \$29.00.

Dakota Lawn Mixture

This is a utility mixture, for those who do not wish to give the time and attention necessary for a first class lawn, and yet want a nice appearing grass plot about the house. It is made up of coarser and harder grasses but requires some water to keep it up. Clover may be used with it to good advantage. Price, 45c per lb., postpaid. F. O. B. Bismarck, 5 lbs., \$1.75; 10 lbs., \$3.00; 20 lbs., \$5.00.

Use Western Rye Grass for lawns without water.

Use Red Top Grass for shady spots in lawns.

See page 69 for White Dutch or Lawn Clover.

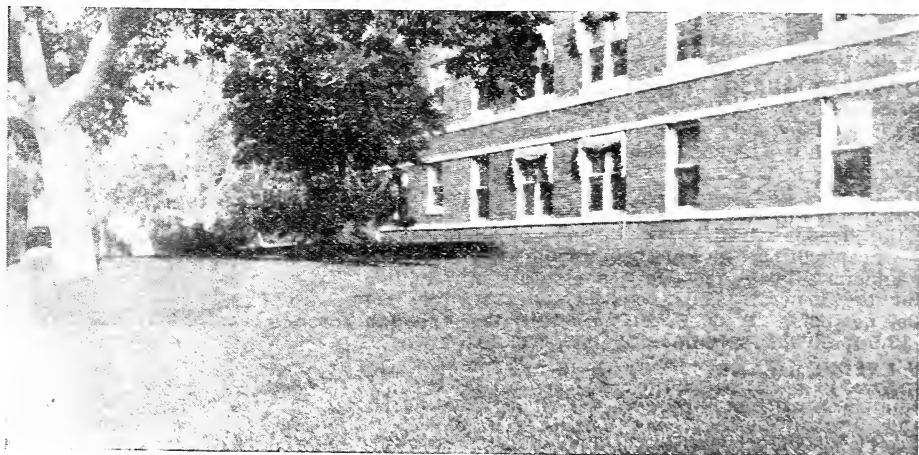


Timothy.

Directions for Sowing a Lawn

Only ground which has been broken at least a year and is mellow and easily worked should be seeded for a lawn. After spading up, pulverizing thoroughly and smoothing with a rake, light grass seed will quickly blow away. After seeding, rake in thoroughly with a double motion of the rake, forward and back. If a roller is available much better success will result if a good rolling is given after seeding. The prepared lawn should then be heavily soaked with water and not allowed to dry out until the grass is well up and the whole surface green.

All sorts of soils contain weed seed, and the black soil hauled on for lawns is often very weedy. Do not blame these weeds to the seedsmen who can furnish you with the official purity test of his seed.

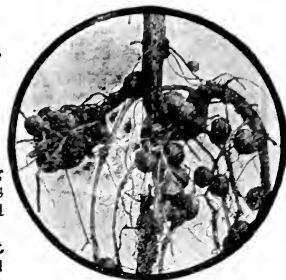


A Handsome Bismarck Lawn—Emerald Lawn Mixture.



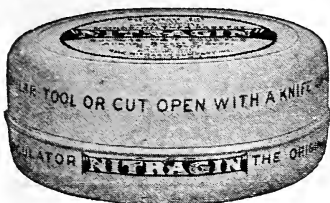
**Inoculate All Peas, Beans,
Clover, Alfalfa, Cow Peas
and Soy Beans with**

Nitragin Inoculant



It is almost a waste of seed to plant any of the above items without inoculating them first. The inoculant bacteria are necessary to make the plant thrive as well as to increase the nitrogen content of the soil. We have found the NITRAGIN brand to be both inexpensive and very efficient.

Specify which of the following seven cultures you wish: **A**, for alfalfa and sweet clover; **B**, for all other clovers; **C**, for all varieties of peas, sweet peas, vetches and lentils; **D**, for all sorts of field and garden beans; **E**, for cow peas, lima beans, velvet beans, and peanuts; **S**, for all varieties of soy beans.



Prices—

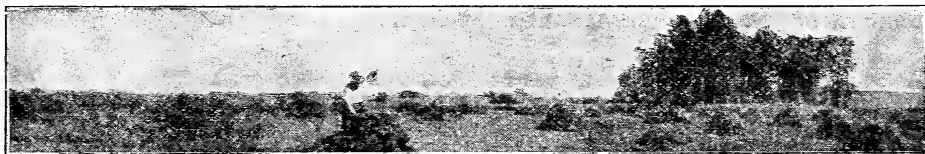
	A, B, C & D		Prices E & S	
	Postpaid	Not Postpaid	Postpaid	Not Postpaid
1/4 bu. size	\$0.45	\$0.40		
1/2 bu. size .....	.65	.60		
1 bu. size	1.10	1.00	.75	.70
5 bu. size	5.00	4.75	1.75	1.50

GARDEN PACKAGE OF NITRAGIN. For Sweet Peas, Garden Peas and Beans, lima beans and other leguminous plants that are planted in the garden. Handy size package of mixed inoculation. Postpaid, 1 can, 25c. By express or freight, 20c.

Our Alfalfa and Clover Seed

We have a scarifying machine in our warehouse through which we run our alfalfa and clover seed. This adds to our expense in handling the seed, but increases the germination by from ten to thirty, or even forty per cent in some cases. All our seed is scarified.

With the exception of postpaid prices on small lots we do not guarantee prices here quoted for any length of time, as they are subject to change without notice. Therefore, unless your order states plainly not to ship except at list prices we will execute the order at the best possible price, whether higher or lower—if higher, we will send value of remittance. If lower, will send your money's worth. Prices include sacks.



Northwestern Grown Grimm Alfalfa.

Pioneer Brand Alfalfa Seed

REGISTERED NORTHWESTERN GROWN GRIMM ALFALFA. Officially registered or certified. This is seed from fields of Grimm which have been individually inspected during the growing season, whose pedigree is on file with state authorities, whose history has been recorded, and the seed from which has been carefully inspected and passed upon. It will be North Dakota, Montana or western South Dakota grown. **Lb., 65c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.50; 50 lbs., \$22.00.**

NORTHWESTERN AFFIDAVIT GRIMM. This is genuine Grimm alfalfa which comes to us with the affidavit of the grower and the pedigree of the seed, but which is not registered and certified, and probably could not be. We do not recommend it to those who wish to grow seed, therefore, but to those who wish only to grow feed this affidavit Grimm represents a considerable saving in price. **Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.50; 50 lbs., \$17.00; 100 lbs., \$33.00.**

R. 4, Devils Lake, N. D.

Now friends, a bit of history: I have been since 1882 on the same farm. I have large groves east, west, north and south of my farm buildings, as well as all kinds of fruit trees, mostly bought from the Pioneer Seed House. I own over 1000 acres of land and have other large investments. I mention this to show my standing, and any time you wish you can refer strangers to me, or tell them to write me or come to see me for proof that yours is a reliable firm.

EDWARD MURPHY.



North Dakota Alfalfa Field.

ALFALFA—Continued.

NORTHWESTERN GROWN VARIEGATED ALFALFA. The fact has become pretty well established that only the strains of alfalfa with variegated flowers are hardy in the Northwest. Such strains are Grimm, Liscomb, Cossack, Baltic, etc. The seed which we offer under this head is seed from fields with variegated bloom but for which the grower has no pedi-

gree. The mere fact of hardiness and variegated blossom proves that it belongs to one of

the hardy strains. **Lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.50; 50 lbs., \$14.00; 100 lbs., \$26.00.**

NORTH DAKOTA GROWN COSSACK ALFALFA (Affidavit).

This is an exceptionally hardy alfalfa brought from Siberia by Professor Hansen. It is a heavy yielder as well as being very cold and drought resistant. Very similar to Grimm in all respects as shown by our many years' trial. We are informed by ranchers of the Little Missouri Bad Lands that the Cossack is preferable to Grimm and a better yielder on the heavy clay or gumbo soil of that region. This also we are sending out in strong 50-lb. sacks. Each lot is lettered. **Lb., 65c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.50; 50-lb. sack, \$20.00.**

Sweet Clover

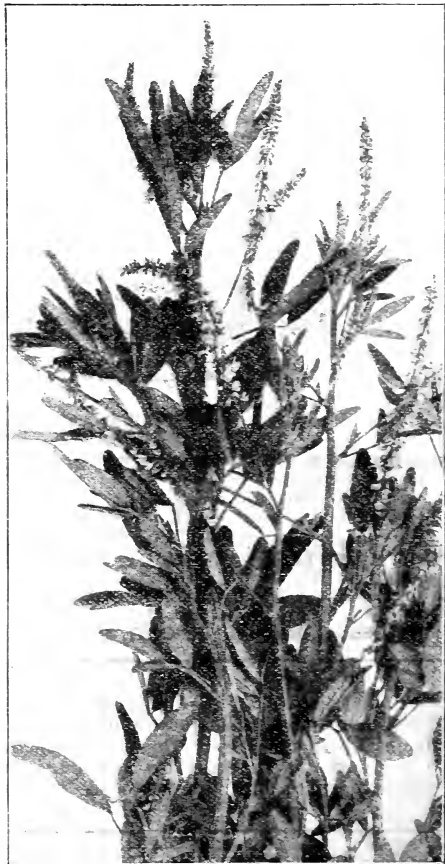
THE GREAT PASTURE AND HAY CROP AND BEE PASTURE

Prices Include Sacks—Seed Is Scarified

YELLOW BLOSSOM SWEET CLOVER SEED. Outside the lower and heavier soil sections of the Northwest the Yellow Blossom variety seems to be better adapted than the white. Its advantages over the higher and drier sections are greater hardiness as regards a combination of cold and drought, finer quality of hay, a crown like alfalfa so that it may be cut as close to the ground as one wishes. We have a wonderfully fine stock of seed. **Lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; 50 lbs., \$6.50; 100 lbs., \$12.00.**

GRUNDY COUNTY SWEET CLOVER. This is a white blossom strain which is nearly two weeks earlier than the ordinary sort and not quite as rank a grower. It is increasing in popularity principally on account of its earliness. **1 lb., 35c, postpaid. F. O. B. Bismarck, 10 lbs., \$2.00; 50 lbs., \$6.50; 100 lbs., \$12.00.**

GET OUR FREE BOOKLET ON SWEET CLOVER IF INTERESTED



Yellow Blossom Sweet Clover.



Sweet Clover Cut for Seed.

SWEET CLOVER—Continued.

WHITE BLOSSOM BIENNIAL. The Tall, Late Sort that is in greatest demand if you wish to sell seed. This is the only kind used in Iowa and Illinois where 90 per cent of the seed from the Northwest is sold. Must be cut high for hay as it grows from the bases of the branches. A wonderful pasture plant. 1 lb., 30c, postpaid. F. O. B. Bismarck, 10 lbs., \$1.50; 50 lbs., \$5.75; 100 lbs., \$11.00.

HUBAM or ANNUAL WHITE SWEET CLOVER. This has come to have an established place as a soil-ing crop, and even more so as a good annual hay crop which may be planted earlier than such crops as the sorghums. It is a heavy yielder, and while producing hay or excellent pasture it also adds fertility to the soil at the same time. 1 lb., 60c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.50; 50 lbs., \$13.00; 100 lbs., \$25.00.

2D GRADE AND MIXED SWEET CLOVER SEED. For sowing on land where a catch is desired without breaking and cultivating, for scattering on old pastures and waste lands this lighter and mixed seed may be used to good advantage and with considerable saving. Prices, F. O. B. Bismarck, 2d grade white, per 100 lbs., \$4.50; 2d grade yellow, 100 lbs., \$4.75. Good quality mixed per 100 lbs., \$7.00.

Pioneer Brand Clover Seed

In event prices change we shall send value unless otherwise instructed. Sow 6 to 10 pounds per acre. Prices include sacks.

WHITE DUTCH or LAWN CLOVER. White clover is a hardy, low growing, perennial variety that is used in some sections for pasture, and is universally used for lawns, either alone or in combination with grasses. For lawn use seed 1 lb. to 300 square feet or mix with grass seed at the rate of 1 lb. to 5 lbs. of grass seed. Postpaid, 1 lb., 65c. F. O. B. Bismarck, 5 lbs., \$2.75; 10 lbs. or more @ 50c.



Alsike Clover.

ALSIKE or SWEDISH CLOVER. This clover is hardy and cold resistant, and is a very valuable pasture plant. It is low growing, and if sown for hay should be mixed with other clover, timothy or red top. Its chief value in the Northwest is for sowing in very wet spots where water stands at times and other clovers will not grow. 1 lb., 52c, postpaid. F. O. B. Bismarck, 10 lbs., \$3.00; 50 lbs., \$14.00; 100 lbs., \$27.00.

MEDIUM RED CLOVER. While we have hesitated about advocating the Medium Red Clover for North Dakota, yet there are unquestionably a great many localities in this state and eastern Montana where it can be raised with profit. Does best in well watered land with a fairly deep soil and good drainage. Be sure and get our extra hardy and vigorous North Dakota grown seed. 1 lb., 55c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.00; 50 lbs., \$16.00; 100 lbs., \$30.00.

MAMMOTH RED CLOVER. This is similar to the medium Red but a heavier and ranker grower, an exceptionally valuable clover for pasture purposes. North Dakota grown seed. 1 lb., 60c, postpaid. F. O. B. Bismarck, 10 lbs., \$4.50; 50 lbs., \$18.00; 100 lbs., \$32.00.

Washburn, N. D.

I wish to mention that your last year's Bull Pine were O. K. Now have a 7-rod row of them.

PHIL KESSELING.

Alma, Mont.

The trees and shrubs purchased from you in the past three years have done exceptionally well.

HAYES STARKS.

Greenhouse Department

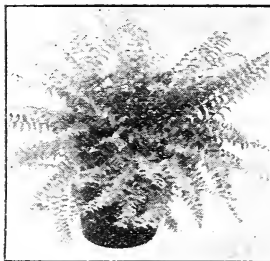
We offer very fine seasonable **Cut Flowers** for any occasion. Bouquets, baskets, and designs of all sorts for parties, gifts, weddings, holidays, the sickroom, and funerals. Immediate shipments and local deliveries.

PARCEL POST. We cannot guarantee safe delivery of plants and flowers sent by mail. Please note that we list a postpaid price for all mailable articles. If you desire this service, kindly remit at that rate. All other prices f. o. b. Bismarck, N. D.

WILL'S FLOWERS—BY-WIRE SERVICE. We are members of the Florists' Telegraph Delivery Association. Guaranteed service; 5000 members. Flowers delivered any time and anywhere. No extra cost except the delivery charges and the telegram when used for rush or late orders.

FERNS

The finest of ornamental plants for the home, and easy to grow. Please note the sizes in which we can furnish each Fern and also the sizes which are mailable as shown in the descriptions and price list. **Postpaid prices, 3 in., 50c; 4 in., \$1.00. F. O. B. here, 3 in., 40c; 4 in., 75c; 6 in., \$2.00; 7 in., \$2.50; 9 in., \$3.50.** Shipped in pots.



BOSTON (Sword Fern). Very popular and satisfactory. Furnished in all sizes.

ASPARAGUS PLUMOSUS (Lace Fern). Lacy foliage and drooping fronds. Fine for jardinières. 3- and 4-inch sizes only.

HARRISONI (Ostrich Plume). Lovely crested foliage. As easy to grow as the Boston. All sizes.

ASPARAGUS SPRENGERI (Feather Fern). Useful for window boxes, etc., both indoors and out. 3- and 4-inch sizes only.

HOUSE PLANTS

PRIMROSE. Ever the favorite of house plants. Listed in light pink and dark pink. **Two sizes, 60c and \$1.00.** Postpaid, 75c and \$1.25.

PELARGONIUM (Improved Martha Washington Geranium). Easter Greeting (red and black), and mixed types. 75c each. Postpaid, \$1.00.

Bedding Plants (Shipped out of pots).

Prices: 15c each; 2 for 25c; \$1.50 per dozen. Postpaid, 25c each; \$2.25 per dozen.

COLEUS. Yellow, red and variegated.

LOBELIA Compacta. Dark blue flowers. For edgings.

LOBELIA, Trailing. For window boxes, etc. Blue.

PETUNIA, Single. All colors. Giant Frilled and Rosy Morn types. Fine for bedding use.

SALVIA. Fiery scarlet; free bloomer.

SNAPDRAGON (Antirrhinum). Large-flowered. White, yellow, pink and red.

VERBENA. White, pink, red, blue and purple.

VINES

Prices: 35c each; 3 for 90c; \$3.50 per doz. Postpaid, 45c each; \$4.25 per doz.

ENGLISH IVY. Dark green leaves. Used both indoors and outside.

GERMAN IVY. Bright green foliage. Fine for window boxes, etc.

VINCA VINES. Green and variegated green and white. Beautiful for porch and window box plantings.

The following plants from 4-inch pots. 50c each; 3 for \$1.25; \$4.50 per doz. Postpaid, 60c each; \$5.50 per doz.

BEGONIA Gracilis Luminosa. Everblooming. Bright red.

BEGONIA, Prima Donna. Everblooming. Rose-pink.

DAISY (Marguerite). Single white with yellow eye.

CANNA. Strong plants of all the varieties listed under "Bulbs" on the next page.

HELIOTROPE. Clusters of lavender flowers; fragrant.

GERANIUMS.

Beaute Potievine. Salmon-pink. Exquisite.

Helen Mitchell. Brilliant scarlet. Large flowers.

Ivy Geranium. Pink bloom; waxy leaves.

Madame Buchner. The best double white.

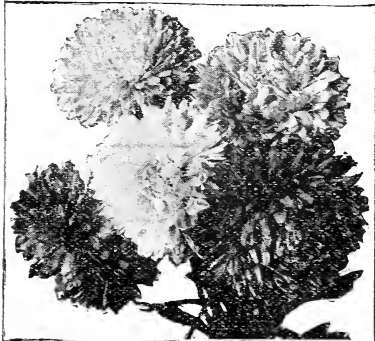
Mrs. Gloede. Attractive new rose-pink. Double.

Sun-proof.

S. A. Nutt. Very double; deep red.

PETUNIA, Prize

Double. In a mixture of colors.



Choice Asters.

WILL'S SUPERB PANSY PLANTS

The best that fine seed and constant care can produce. A veritable rainbow of color. 65c per doz.; \$2.75 per 50; \$4.00 per 100. Postpaid, 80c per doz.

CHOICE ASTER PLANTS

We offer strong plants of the early flowering American Beauty type in pink, lavender, white and purple. 50c per doz.; \$1.75 per 50; \$3.25 per 100. Postpaid, 65c per doz.; \$4.00 per 100.



Will's Superb Pansy.

Will's Vegetable Plants for Your Garden



Transplanted Cabbage Plants.

Direct to you from our own greenhouses. Strong, stocky plants of the best early varieties for northwestern gardeners. **Potted Tomato Plants** pay well as they start bearing two to three weeks before transplants.

SPECIAL NOTE. Vegetable plants are very perishable and we recommend express shipments.



Potted Tomato Plant.

	F. O. B. Bismarck				Postpaid	
	Per 12	Per 50	Per 100	Per 1000	Per 12	Per 100
CABBAGE. Transplanted. Best early variety ..	\$0.25	\$0.75	\$1.50	\$10.00	\$0.35	\$1.85
CABBAGE. Transplanted. Late variety ...	.25	.75	1.50	10.00	.35	1.85
CAULIFLOWER. Transplanted. Early .....	.25	.75	1.50	10.00	.35	1.85
CELERY Transplanted Self-Blanching ....	.30	1.25	2.25		.45	2.75
EGGPLANT. Transplanted .....	.50	1.75	3.25		.65	4.00
GROUND CHERRY. Transplanted .....	.35	1.25	2.25		.45	2.75
PEPPER. Transplanted .....	.50	1.75	3.25		.65	4.00
TOMATO. Potted. Best early variety	1.00	3.50	6.50		1.45	
TOMATO. Transplanted. Best early .....	.35	1.25	2.25		.45	2.75
TOMATO. Transplanted. Yellow Plum .....	.35	1.25	2.25		.45	2.75
SWEET POTATO. Prolific Jersey .....	.25	.75	1.50	10.00	.35	1.85

Summer Flowering Bulbs

Complete cultural direction with each order. All bulbs priced postpaid.

CANNAS

Among the best of all plants for beds and borders, especially when a massed effect is desired. **Dor-**mant roots, with two to three strong eyes, 15c each; 2 for 25c; \$1.50 per dozen, postpaid.

APRICOT. 3 to 4 feet high. Green foliage. Orange-pink to gold and buff.

CITY OF PORTLAND. 3 to 4 feet. Green leaves. Very fine rose-pink.

KING HUMBERT. 4 to 5 feet. Orange-scarlet flowers with purple-bronze foliage.

THE PRESIDENT. 3 to 4 feet. Green foliage. The best scarlet.

YELLOW KING HUMBERT. 4 to 5 feet. Green leaves. Immense flowers, golden yellow spotted with vermillion.

RICHARD WALLACE. 3 to 4 feet. Green foliage. Exceptionally fine light yellow.

GREENHOUSE-GROWN PLANTS. See under "Bedding Plants" on preceding page.

DAHLIAS

Dahlias are the most gorgeous of all summer flowers, both as color in your garden and as cut flowers for indoor decoration. The bulbs multiply rapidly and may be kept from year to year. We list only desirable varieties of the newer sorts in the different types and colors. **Strong dormant roots.** Priced postpaid.



Dahlias.

MRS. I. DE VER WARNER (Dec.). Our leader. Deep mauve-pink. Long stems and a fine cut flower. 50c each.

BRIDE'S BOUQUET (Hybrid). An ideal white cactus. Profuse bloomer. 40c each.

C. W. BRUTON (Dec.). The favorite deep yellow. 25c each.

SOUV. DOAZON (Dec.). Pleasing orange-red. Long stems. 30c each.

AMERICAN BEAUTY (Show). Attractive wine-crimson of huge size. 35c each.

"DEELIGHTED" (Show). Lovely pure white of exceptional form. 25c each.

FRANK WALKER (Dec.). A pleasing shade of deep lavender pink. 25c each.

EVENTIDE (Dec.). Beautiful flesh-pink shading to white. 25c each.

MRS. NEWELL ATWOOD (Peony). Its color is very rich and brilliant; a gorgeous deep crimson red. 25c each.

PRINCESS VICTORIA (Show). Pure canary-yellow. Perfect form and free bloomer. 25c each.

W. B. CHILDS (Hybrid Cactus). Color a splendid dark purple maroon. 35c each.

CAPITAL DAHLIA MIXTURE. A very high grade mixture of all types and colors. Some choice named varieties included. A big value at 6 for 65c; 12 for \$1.20, postpaid.

\$1.00 OUR FAMOUS DAHLIA COLLECTION \$1.00

One strong bulb each of the wonderful Latona (Peony), buff shades; "Deelighted" (show), pure white; Souv. Doazon (Dec.), orange-red; Bruton (Dec.), deep yellow; American Beauty (Dec.), gigantic, wine-crimson. Listed separately for \$1.45, all for \$1.00, postpaid.

GLADIOLUS

Both for garden and border decoration and as lasting cut flowers the improved gladiolus of today are hard to equal. Of easy culture they will thrive and multiply in any soil. Our enlarged list for 1930 includes the better sorts in all colors. All the bulbs we list are strong first size bulbs. (All bulbs priced postpaid. Not less than 6 at the dozen prices or 25 at the 100 rates). Postpaid Anywhere

Red Shades

MRS. LEON DOUGLAS. Begonia rose striped scarlet. Main-moth flowers well set on strong extra long spikes. One of our finest. 25c each; \$2.25 per doz.; \$15.00 per 100.

***CHATEAU THIERRY.** Orange-cerise with yellow bordered red blotch. Very large. 12c each; \$1.10 per doz.; \$7.75 per 100.

SCARLET WONDER. Brilliant cardinal-red. Considered one of the best garden and cut flower red gladiolus. 15c each; \$1.35 per doz.; \$9.25 per 100.

MRS. FRANCIS KING. Jasper-red, throat deeper shade. Tall straight spikes. In great demand. 10c each; 90c per doz.; \$6.50 per 100.

***DIANA.** Wonderful shade of deep blood-red. A beauty and a fine sort to grow. 15c each; \$1.35 per doz.; \$9.25 per 100.

Pink

***LOS ANGELES.** The color is shrimp-pink of unusual delicacy. Of the everblooming or cut and come again type. 15c each; \$1.35 per doz.; \$9.25 per 100.

***ELIZABETH TABOR.** Rosy pink on white ground. Rich crimson blotch on lower petals. Many blooms open at once. The earliest to bloom. 15c each; \$1.35 per doz.; \$9.25 per 100.

TYCKO ZANG. Our leader. Salmon-pink blooms five inches and over in diameter. Throat white, faintly dotted cerise. Tall heavy foliage. Fine propagator; a prize winner. 25c each; \$2.25 per doz.; 100, \$15.00.

E. J. SHAYLOR. Deep rose-pink to rose color. Throat of lower petals delicately pencilled rose-red. 10c each; 90c per doz.; \$6.50 per 100.

MARIETTA. A marvelous Gladiolus of extra large size and splendid spike. Light salmon, the lower petals shading to a bright burnt orange. 20c each; \$1.80 per doz.; \$12.00 per 100.

THEDA. Earlier even than Halley. Wondrous shrimp-pink blending to yellow in throat. Pansy-violet lines. 12c each; \$1.10 per doz.; \$7.75 per 100.

PINK WONDER. La France pink, shading to pale pink throat. Lower petals have purple blotch on pale yellow ground. 15c each; \$1.35 per doz.; \$9.25 per 100.

***GIANT NYMPH.** Immense rose-pink, cream throat. Wide open flowers well arranged. 15c each; \$1.35 per doz.; \$9.25 per 100.

***ROMANCE.** An unusual flower hard to describe. Orange and rose with red and yellow throat and a bluish border around each petal. Lovely. 15c each; \$1.35 per doz.; \$9.25 per 100.

Will's Aurora Glad Collection

One each of all of the 25 varieties listed above. First size bulbs guaranteed true to name. Truly a medley of color. Listed separately at \$1.07. In this collection for 25, \$2.85, **\$2.85** postpaid.

White

ELF. Lemon-yellow when in bud. Opens pure white. Large flowers on a perfectly built spike. 15c each; \$1.35 per doz.; \$9.25 per 100.

***MARIE KUNDERD.** A wonderful white. The finest early white in existence. 20c each; \$1.80 per doz.; \$12.00 per 100.

Yellow and Buff

GOLDEN MEASURE. Straw yellow, lower petals shaded amber-yellow. Strong, vigorous grower and one of the best. 20c each; \$1.80 per doz.; \$12.00 per 100.

***MING TOY.** Deep buff with yellow throat. Large flowers. Very attractive. 15c each; \$1.35 per doz.; \$9.25 per 100.

***SOUVENIR.** The best yellow in the primulinus class. Large flowers. 10c each; 90c per doz.; \$6.50 per 100.

TWILIGHT. Beautifully blushed creamy buff with throat of grandest yellow and pink. Magnificent. 15c each; \$1.35 per doz.; \$9.25 per 100.

ORANGE QUEEN. Fine orange-yellow, deeper at edges of petals. Orange-red lines in throat. Five to seven blooms open. 20c each; \$1.80 per doz.; \$12.00 per 100.

***PURPLE GLORY.** Tyrian-rose, suffused amaranth-purple; a dark velvety purple throat. This wonderful ruffled glad is the best of all the "Glory" group. 25c each; \$2.25 per doz.; \$15.00 per 100.

***OPALESCENT.** Wonderful spikes of very large rose-lavender blooms. A pure self color with lilac throat lines. 18c each; \$1.65 per doz.; \$10.50 per 100.

***HENRY FORD.** A very dark rhodamine purple shading to a deep bordeaux. This flower has created a sensation everywhere among gardeners. 15c each; \$1.35 per doz.; \$9.25 per 100.

BYRON SMITH. The orchid colored glad. White suffused mallow purple; deeper at edges. Throat yellow. Exquisite. 15c each; \$1.35 per doz.; \$9.25 per 100.



Marie Kunderd.



Henry Ford.

WILL'S Aristocrat Gladiolus Offer

(See inside of back cover)

One first size bulb of each of the 12 varieties marked in our list with a star (*). All new and different sorts. Large, strong and vigorous bulbs in a well-balanced color assortment. Listed separately at \$1.95. In this collection offered for \$1.30, postpaid. **\$1.30**

Pioneer Gladiolus Mixture

A superb assortment of colors. Very popular and satisfactory. Large strong bulbs. 12 for 45c; 30 for \$1.00; 50, \$1.50; 100, \$2.75, postpaid.

Madeira Vine

Large dry bulbs. 12c each; 3 for 30c; \$1.00 per doz., postpaid.

TULIP, DAFFODIL and HYACINTH Bulbs, and Perennials for Fall Planting offered in WILL'S AUTUMN LIST issued in August every year. Send for your copy.

Bismarck Nursery—The Pioneer Nursery

Oldest Nursery in North Dakota—Member American Association of Nurserymen.

We Have No Agents. For forty-five years we have sold nursery stock through our catalog and during that period have never employed a nursery agent.

NOTICE TO CUSTOMERS: READ CAREFULLY. We use our utmost endeavors to see that all stock shipped out is true to name and of the quality represented or better. In event that goods upon receipt prove to be wrongly marked or inferior we shall be glad to refund customer's money or replace the stock as he may elect. We are not responsible for damage to goods in transit, therefore you must examine at the express or freight office, and have any damage noted upon your express or freight receipt. We are always glad to replace goods injured in transit, providing receipt showing damage is returned to us so that we may enter claim and reimburse ourselves.

We do not guarantee safe delivery of mail orders but pack them just as well as we possibly can, and they are nearly always delivered in good condition.

Special Nursery Premium. With every twenty-dollar order for nursery stock we offer free one year's membership in the North Dakota Horticultural Society. This includes receipt of the monthly bulletin, and free plant premiums.

REPLACEMENT. If stock arrives in good condition and our planting instructions are followed, we are willing to replace once any stock lost, at half price.

REFERRING TO ORDERS. When writing to us about your nursery stock, ALWAYS give your order number and state whether goods were to be shipped by express, freight or mail.

TREES BY MAIL. We can ship parcels up to 70 pounds in first, second, and third zones, and up to 50 pounds in all other zones. Where postage is not included, we will send stock C. O. D. to cover postage, you paying postage on receipt of trees.

FALL PLANTING. Peonies and other perennial flowers do exceptionally well when planted in Fall. Ask for special **Fall Price List.** Can also supply trees, shrubs, etc., at current catalog prices in Fall.

PLANTING INSTRUCTIONS. Complete planting instructions will be enclosed with each order of nursery stock when shipped.

SHIPPING. Orders will be forwarded at our discretion and when we can ship. Orders are not taken for shipment on any special date unless specifically so acknowledged. Express is the safest and quickest way to ship. Prices are **F. O. B. here**, customers paying transportation unless postpaid prices are definitely quoted.

CANADIAN ORDERS must go by freight or express, and must be received by us before May first.

ORDER EARLY. January and February orders and up to March 15th, receive better attention, get the best stock and are shipped early.

VISITORS WELCOME. We are always glad to conduct you personally through our nurseries and orchard. Call at office on Fourth street, or go south on Seventh street, which will bring you into the nurseries.

CERTIFICATE OF EXAMINATION. Our nurseries are inspected annually by the State Horticulturist and certificate accompanies each order.

Evergreens—Pine, Spruce, Cedar, Juniper

BLACK HILLS SPRUCE SEEDLINGS. Mail or Express. This is the only variety of Evergreen seedlings which we feel can be offered our customers with safety, as this is the hardiest of all the Evergreens and we are positive that these will give the highest degree of satisfaction. We have bought a supply of seedlings again this year, ready for spring shipment. Seedlings come 100 per bunch so do not order less, as we positively will not break bunches. Package of 100, not prepaid, 4 to 6 inches, \$3.50; postpaid, \$3.75.

Evergreens Listed Below by Freight or Express Only, Balled and Burlapped.

NORTH DAKOTA BULL PINE—PINUS SCOPULORUM. This is a native Pine of the North Dakota Bad Lands, and the acme of hardiness. It makes a handsome, stocky tree, beautiful the year round with its long dark green needles. We have a limited number of the specimen trees to which we call your attention. We sold a number for park purposes last year and the results have been wonderful. 2 to 3 ft., each, \$2.00. 3 to 4 ft., each, \$3.50. 4 to 6 ft., each, \$5.00. Ask for prices on ten or more.

BLACK HILLS SPRUCE. This is a sub-variety of the White Spruce, but is much harder. It has been growing in the Black Hills since glacial days and there is nothing in the way of blizzards, hot winds, drought and the like that it had not withstood for centuries before a white man ever saw it. This is one of the most attractive Evergreens and without exception the easiest to transplant. Price, each, 12 to 18 in., \$1.00, for nursery grown, transplanted stock.

SCOTCH PINE—PINUS SYLVESTRIS. A fast growing, long-leaved pine from northern Europe, which has demonstrated its hardiness over much of our section and is giving a good account of itself in a number of very old plantings. 2 to 3 ft., each, \$1.75.

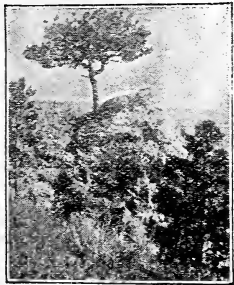
JACK PINE. The fast growing, shorter leaved pine of Minnesota. Does especially well in sandy soil but is not adapted to heavy soil. 2 to 3 ft., each, \$1.00.

CREeping JUNIPER—JUNIPERUS HORIZONTALIS. This is the lovely evergreen ground cover which we admire so much as it grows on the very tops of the Bad Lands Buttes and the Killdeer Mountains. We have had a lot of trouble in getting acquainted with its habits and establishing it in our nursery, but now have it there. Good healthy rooted clumps, each, \$1.50.

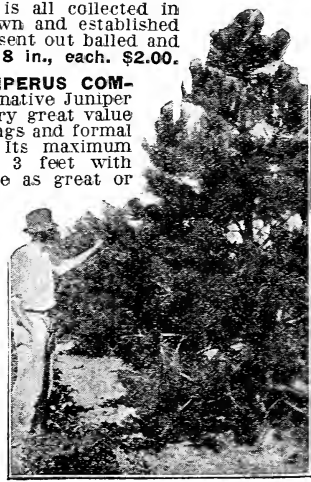
NORTH DAKOTA BAD LANDS CEDAR—JUNIPERUS SCOPULORUM. This is our native type of red cedar which is of more upright or columnar habit and of a more handsome bluish color than the common kind, as well as being the hardiest of its family. Our stock is all collected in the Bad Lands, grown and established at our nursery and sent out balled and burlapped. 12 to 18 in., each, \$2.00.

BUSH JUNIPER—JUNIPERUS COMMUNIS. This is the native Juniper bush which is of very great value to foundation plantings and formal evergreen groups. Its maximum height is not over 3 feet with spread usually twice as great or more. Perfectly hardy and of handsome bluish green shaded to reddish in winter. Each, about 10 to 12 inches high, \$2.00.

SELECTED COLORADO BLUE SPRUCE—PICEA PUNGENS. An elegant Colorado species with long, feathery leaves of rich steel blue. Perfectly hardy anywhere in the Northwest. 12 to 18 in., \$3.00. 18 to 24 in., \$5.00.



Bull Pine
in the Badlands.



Bull Pine at Nursery.

Trees for Windbreak, Woodlot or Lawn

Customer Pays Transportation Except Where Marked Postpaid.

Our list of trees is hardy for the Northwest but for farm planting and dry conditions it is wise to stick to the old standbys, cottonwood, box elder and ash, with a few of the introduced sorts of tested value such as Siberian Pea or Caragana and Russian Olive. With these may be safely mixed Buffalo Berry and Diamond Willow under some conditions.

Bargain Shelter Belt Collection

Will plant 4 rows of shelter belt, each 1000 feet long.

200 Ash, 12 to 18 inches.

200 Caragana or Siberian Pea, 12 to 18 inches.

200 Native Cottonwood, 10 to 20 inches.

200 Box Elder, 12 to 18 inches

Total Value
\$14.00

Special Price

\$12

THE COTTONWOOD TREE

They were rough and the leaves of them brittle and green,
As they danced in the breeze with a shine and a sheen,
And the limbs of them twisted and shaggy and bold,
And the trunks of them thick, and they always looked old.

For it stood as it was like a pioneer bold,
And it had a story like them to unfold,
Of blistering heat and the midsummer's glow,
And of Winter all white, with its forty-below.

The leaves in the Summer danced thickly in air,
And then in the Winter the gnarled limbs were bare;
But always and always with beauty for me,
The rough rugged strength of the cottonwood tree.

And you may have fir and the maple or pine,
The birch or the aspen, but leave me for mine,
And grander than any by mountain or sea,
The tough and the rugged old cottonwood tree.
JAMES W. FOLEY.



Cottonwood Windbreak on a McKenzie County Farm.

NORTH DAKOTA COTTONWOOD — POPULUS DELTOIDES. The foundation of prairie tree culture in North Dakota, and the backbone of all the many groves which dot our state. The most rapid grower and freest from disease of any of the poplar family. Once more the cottonwood is coming into its own and is in increasing demand. We have been headquarters for this tree for 48 years. Valuable for its quick growth both for shelter and wood, and it will produce successive crops of fuel if properly handled.

Collected Seedlings: 6 to 10 inches, 100, 60c; 500, \$2.25; 1000, \$4.00. 10 to 20 inches, 100, \$1.00; 500, \$3.00; 1000, \$5.50. 20 to 30 inches, 100, \$1.50; 500, \$4.00; 1000, \$7.50.

Nursery-Grown Transplanted: 3 to 4 feet, each, 10c; 10, 75c; 100, \$6.00. 4 to 6 feet, each, 15c; 10, \$1.25; 100, \$10.00. 6 to 8 feet, each, 20c; 10, \$1.85; 100, \$17.00. 8 to 10 feet, each, 30c; 10, \$2.50; 100, \$20.00.

BOX ELDER or MANITOBA MAPLE. The only representative of the maple family native to our state, and an old favorite for street and yard planting, and to thicken up a windbreak. Hardy, long-lived, can be trimmed to make a very symmetrical shade tree. 5 at 10 rates. 50 at 100 rates.

	Each	10	100	500	1000
6-12 inches	1.00	\$0.75	\$ 3.50	\$ 6.00
12-18 inches	1.00	1.00	4.50	8.00
18-24 inches	1.00	1.50	5.50	10.00
3-4 feet	1.00	7.00	32.00	60.00
4-6 feet	1.35	10.00		
6-8 feet25	2.25	30.00	
2-3 in. caliper50	4.00	30.00	



Green Ash.

GREEN ASH. Is one of our native trees and has come to be regarded as the very hardiest tree under all conditions that can be planted. It is drought resistant, alkali resistant, and insect resistant. The only injury to which it is at all subject is the borer, and the damage from that is rather overestimated.

	100	500	1000		Each	10	100
6-12 inches	.....\$0.75	\$3.00	\$5.50	3-4 feet	.....\$0.20	\$1.80	\$15.00
12-18 inches	.....1.00	3.50	6.50	4-6 feet	......25	2.00	18.00
18-24 inches	.....1.50	4.50	8.00	6-8 feet	......35	3.00	25.00

EUROPEAN MOUNTAIN ASH or ROANTREE—SORBUS AUCUPARIA. A very handsome hardy tree. The head is dense and regular, and very attractive when in bloom. From July until Winter these trees are covered with great clusters of bright red berries. A very choice ornamental tree. Special price, 4 to 5 ft. trees, each, 60c; 10, \$5.50.

LINDEN or BASSWOOD—TILIA AMERICANA. This is a handsome lawn and shade tree, pyramidal in form, with large, bright green leaves. A native of eastern North Dakota and therefore very hardy. 4 to 6 feet, each, \$2.00.



Box Elder Shade Tree.

SHADE TREES—Continued.

NORTHWEST POPLAR. A hardy, drought resistant poplar, native in parts of North Dakota and Manitoba. It is a handsome, fairly fast growing tree, very useful as an ornamental in addition to its value in windbreak and shelter belt planting. Perhaps the most drought resistant of any of the poplars; in appearance it is intermediate between the cottonwood and Balm of Gilead. 3 to 4 ft., each, 25c; 10, \$2.00. 4 to 6 ft., each, 35c; 10, \$3.00. 6 to 8 ft., each, 45c; 10, \$4.00.

SILVER-LEAVED POPLAR. A very rapid grower with smooth gray bark. The deeply lobed leaves are a dark glossy green on their upper side and snowy underneath. The contrast of the white against the green is distinctive. We offer a stock of choice 3 to 4 ft. trees. Each, 40c; 10, \$3.75.



Northwest Poplar.



Chinese Elm Windbreak.

CHINESE or SIBERIAN ELM—ULMUS PUMILA. A new elm of recent introduction, of symmetrical and very rapid growth. Very drought resistant, making tremendous increase in size in very dry years. Apparently Winter hardy except in the most severe seasons when there may be some killing back. Of special value in mixed and general planting. Not particularly adapted for specimen planting on lawn or boulevard as it is not so graceful as the native elm. 3 to 4 ft., each, 35c; doz., \$3.50. 4 to 5 ft., each, 45c; 10, \$4.00. 5 to 6 ft., each, 70c; 10, \$6.50. 6 to 8 ft., each, \$1.00; 10, \$9.00.

AMERICAN ELM—ULMUS AMERICANA. The elm is perhaps the most beautiful shade tree that can be grown. Our hardy native home grown stock is the finest that you can get and perfectly adapted to the Northwest in locations where it can receive a fair supply of moisture. 4 to 6 ft., each, 40c; 10, \$3.50. 6 to 8 ft., each, 75c; 10, \$6.00. Seedlings, 12 to 18 in., per 100, \$2.50; 500, \$10.00; 1000, \$18.00.

HACKBERRY. One of our hardiest natives but confined to rather secluded spots in our state. It is perhaps the most beautiful shaped deciduous tree that we have. The wood is very strong so that the wind never damages it. It has scarcely any insect enemies, is extremely hardy as regards cold, and about the same as the elm in regard to its moisture requirements and rapidity of growth. 4 to 6 ft., each, 60c; 10, \$5.50.



Native American Elm.

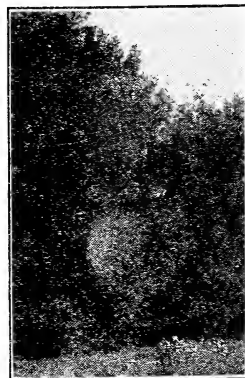
WILLOW

GOLDEN RUSSIAN. The best known of the Russian willows. The bark is a handsome yellow all year around. Valuable in windbreaks and can also be trained into tree form. 3 to 4 ft., doz., 30c; 100, \$2.50; 1000, \$20.00.

WHITE ENGLISH. This seems to be the hardest of the fast growing willows, and the most drought resistant. A handsome tree with green leaves somewhat silvery on the under side, and green bark. A very rapid grower and suitable for windbreak and shelter where the location is not too high and dry. Especially valuable to screen the back yard and produce a quick background for the house. 3 to 4 ft., doz., 40c; 100, \$3.00; 1000, \$25.00.

LAUREL-LEAVED. A handsome ornamental tree, with large, shiny, laurel-like leaves. Its bark stands out dark green in Winter and it is a very beautiful specimen in all seasons. We consider this the best variety of the willow family, both ornamentally and for its value in windbreaks. 2 to 3 ft. size, doz., 50c; 100, \$3.75; 1000, \$30.00.

DIAMOND WILLOW. Our best native willow and one of our most valuable trees. Produces in five or six years of growth fence posts of hard wood which will outlast the best posts of white cedar. Also by far the best firewood that can be found in the state. Easily grown. Seedings, per 100, 90c; 500, \$3.50; 1000, \$6.00. Cuttings, per 1000, \$2.00.



White Willow Windbreak.

PIONEER POPLAR or MISSOURI VALLEY BALM OF GILEAD. This is a poplar discovered growing in one of the wooded coulees draining into the Missouri some 20 miles north of Bismarck. It seems to be intermediate in appearance and characteristics between the Northwest poplar and the Balm of Gilead and we are offering it to take the place of the latter. This new poplar is less subject to canker, less brittle and of better shape than the common Balm of Gilead. 2 to 3 ft., each, 20c; 10, \$1.75.

GINNALA or AMUR MAPLE. This is a very hardy, small maple from Siberia especially noteworthy on account of its beauty of shape and foliage and the glowing colors which it takes on in the Fall. Attains a height of 20 to 30 feet, is absolutely hardy and very ornamental. 4 to 6 ft., each, 40c; 10, \$3.00.

BIRD or PIN CHERRY—PRUNUS PENNSYLVANICA. A native of the state which makes a very handsome small tree or large shrub, bears a small tart cherry in profusion, which is valuable for the making of jelly and preserves. 18 to 24 in., each, 25c; 10, \$2.00.

CUT-LEAVED WEEPING BIRCH—BETULA L. P. This beautiful tree, which is becoming very scarce on account of the difficulty of propagating it, is undoubtedly the handsomest of all hardy lawn trees. Our stock is northern grown and hardy, but slender. 5 to 6 ft., each, \$2.50; 10, \$22.00.

BLACK WALNUT. We are very glad to be able to offer at last a hardy strain of these fine trees. Our stock has been grown in our own nursery from seedlings of Minnesota origin and has survived perfectly with us for three years. 3 to 4 ft. trees, each, \$1.00.

NATIVE BURR OAK. The oak is difficult to grow and handle but our native variety is one of the hardest, most permanent and beautiful of all deciduous sorts. We have grown these from native seed, transplanted them once, and offer them balled and burlapped like evergreens. 3 to 4 ft., \$2.00 each.



Diamond Willow Post.

Flowering and Ornamental Shrubs

We are listing a select number of hardy and beautiful shrubs which are particularly adapted to our climate. Many of them are natives that are in great demand all over the country but which we have hardly come to appreciate at their true value.

Besides the shrubs listed we include a section of hedge plants which are equally valuable for shrubbery plantings, and we would refer you also to such of the native fruits as sand cherry, native gooseberry, choke-cherry and wild plum which work well in ornamental plantings.

Prices given are F. O. B. here, customer pays transportation by express. Shrubs may be sent by mail for ten cents each added to prices. The lighter plants are used and are cut back before mailing.

BUFFALO or YELLOW FLOWERING CURRANT—RIBES AUREUM. One of the very hardiest and best shrubs for the Northwest, a native of our Little Missouri Bad Lands. In early May it is covered with very fragrant and handsome yellow flowers which are succeeded by a large black fruit that makes excellent jelly or jam, and is exceedingly ornamental as well. Foliage takes on bright shades in the Fall. 2 to 3 ft., each, 35c; 10, \$3.00.

SUMAC, SMOOTH—RHUS GLABRA. Another very hardy and handsome shrub, native in the eastern part of our state. The handsome much divided leaves turn a brilliant crimson in the Fall, and the fruit takes on a crimson hue in August. Is also beautiful at blossom time. Heavy plants. Each, 25c; 10, \$2.00.

HAWTHORN, THORNAPPLE or RED HAW—CRATAEGUS. A shrub or small thorny tree, a hardy native, which is a mass of white flowers in Spring and after July is covered with large red berries of a beautiful shade which hang till late in the Fall unless eaten by the birds. It is difficult to transplant unless the stock has been transplanted from seed in the nursery as ours. Thrifty specimens, 12 to 18 in., each, 50c; 10, \$4.00.

JUNE BERRY or SASKATOON—AMELANCHIER CANADENSIS. A native of this state, attaining a height of 6 to 8 feet, bearing white flowers very early in the Spring and producing a large number of ornamental edible berries. Nursery grown, 2 to 3 ft., each, 30c; 10, \$2.75.

HOPA RED FLOWERING CRAB. This is one of Prof. Hansen's productions, and a most beautiful ornamental. It will attain the height of a small tree in time. In May it is a mass of dark crimson blossoms, the foliage has a distinct reddish tinge and the small fruits have the same handsome crimson color and are borne in profusion. Each, 50c; 5 for \$2.25.

SILVER BERRY—ELAEAGNUS ARGENTEA. The American cousin of the Russian olive. A less rank growing shrub, with many small yellow blossoms in the Spring of great fragrance. The unusual silvery color gives it great value in combination beds. 2 to 3 ft., each, 35c; 10 for \$3.00.



Smooth Sumac.

CISTENA PURPLE-LEAVED SAND CHERRY. This is a very attractive shrub, the foliage being a rich purple all through the season. Very valuable as a plant to add color to the ordinary shrubbery clump. 18 to 24 in., each, 50c; 10, \$4.50.

CUT LEAF ELDER. This is one of the hardier members of the elder family, resembling the ordinary sort as to fruit and habit of growth, but having a finely divided, feathery leaf which adds very materially to its beauty. Bears large clusters of small white flowers, followed by black berries. Each, 35c; 10, \$3.25.

GOLDEN ELDER. This is one of the most used of ornamentals to add an exotic touch of color to the planting. Golden Elder and Spirea Aurea furnish the yellows and the Cistena sand cherry furnishes a handsome red. 2 to 3 ft., each, 40c; 10 for \$3.75.

RED OSIER DOGWOOD—CORNUS STOLONIFERA. This is the handsome, red-barked dogwood which lends so much color to the Winter landscape along our streams in western North Dakota. Hardier than the Siberian dogwood, it is fully as beautiful. Bears flat clusters of fragrant white flowers in early Summer, followed by small white berries. The Autumn colors are brilliant. Also known as kinni-kinneck or Indian tobacco. 2 to 3 ft., each, 35c; 10, \$3.00. Large clumps, each, \$1.00.

SNOWBALL—VIBURNUM OPULUS STERILIS. An old favorite the country over. Requires a favorable location and plenty of moisture. When conditions are favorable it is unsurpassed among the early blooming shrubs. The last of May or in the first week or two of June it becomes almost completely covered with dense round white flower clusters. 18- to 24-in. size, each, 50c; 5 for \$2.25.

BLACK HAW or SHEEPBERRY—VIBURNUM LENTAGO. Another handsome native viburnum which attains a height of six to ten feet. Bears white flowers in flat clusters followed by blue black berries which remain through the Winter. Thick, glossy leaves take on beautiful colors and shades in Autumn. 2 to 3 ft., each, 45c; 10, \$3.75.

HIGH BUSH CRANBERRY or PEMBINA BUSH—VIBURNUM AMERICANA. A native shrub, flourishing on all but the driest soils. The leaves are a glossy green and always free from insects. It is valued for its beautiful foliage and early white flowers, but mostly for its big clusters of red berries in the Fall. Our native relative of the Snowball which it resembles in appearance. Each, 50c; 5, \$2.25.



Yellow Flowering Currant.



Snowball.

CHINESE APRICOT—PRUNUS ARMENIACA. This handsome shrub is one of the very earliest to bloom in the Spring and is therefore of unusual value. It flowers profusely before the leaves appear, the blossoms being pink and white, the bushes varying. Fruit is small and hardly edible, but adds to the handsome appearance of the bush. 2 to 3 ft., each, 30c; 10, \$2.50.

MAY DAY BUSH. A handsome Siberian shrub resembling our chokecherry but blooming much earlier. In fact its leaves and blossoms are about the earliest thing to appear in the Spring. Flowers in elongated clusters and very fragrant. In blossom the tree is a mass of feathery white plumes. 3 to 4 ft., transplanted, each, 35c; 10, \$3.00.



Siberian Flowering Almond.

natural, tall border, as an untrimmed hedge or as a specimen shrub. 18 to 24 in. size, each, 35c; 10 for \$3.00.

DOUBLE FLOWERING PLUM—PRUNUS TRILOBA. Large, double rose flowers, thickly clustered, blooming before leaves appear. Large three-lobed leaves. The most ornamental early flowering shrub. 2 to 3 ft., each, 85c; 10, \$8.00.

Spirea

SPIREA, Van Houtte or Bridal Wreath. This is the most graceful of all the Spireas. In June it is a complete mass of small white flowers, well placed among its drooping branches. It is excellent as a specimen plant or for use in shrubbery cluster. 2 to 3 ft., each, 30c; 10, \$2.75.

SPIREA, Arguta. A beautiful hardy spirea which has given excellent results at the Great Plains Station at Mandan. The earliest of the spireas, blooming before Van Houtte, flowers in massed umbels, color white. 18 to 24 in., each, 40c; 10, \$3.75.

SPIREA, callosa rubra. This is the same as the dwarf callosa alba except that the blossom clusters are a rosy red. Price same as callosa alba.

SPIREA, callosa alba. Like the A. Waterer, this is a dwarf, growing to a height of 24 inches. The large flat clusters of white flowers bloom nearly all Summer. Very attractive. Each, 50c; 10, \$4.25.

SPIREA, Froebeli. This is a spirea of the bumalda type but somewhat larger than Anthony Waterer and in our opinion better adapted to more severe conditions. Flowers are a handsome pinkish red, a trifle lighter than the Waterer. Blooms on new wood and remains in flower for a long period. 18 to 24 in., each, 35c; 10, \$3.00.

SPIREA, Margaritae. This is of a type similar to the Froebeli with flat clusters of handsome dark pink flowers, but it attains a height of some 5 feet, about twice as tall as the other bumalda types. A very striking shrub which blooms profusely in late July and August into September. Has proved exceptionally hardy. 18 to 24 in., each, 50c; 10, \$4.50.

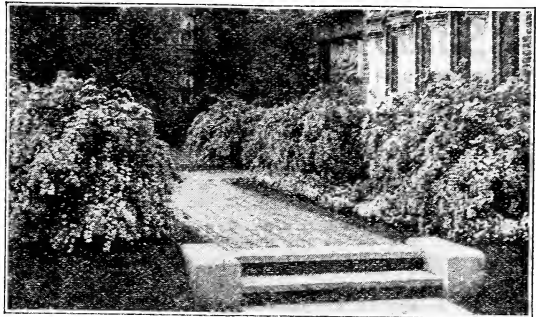
SPIREA, Opulifolia (Ninebark). A very hardy and handsome shrub attaining a height of 4 to 6 feet, bears flat clusters of handsome white flowers in early July and these turn to red seed containers which add to the appearance of the shrub during most of the Summer. 2 to 3 ft., each, 40c; 10, \$3.75.

SIBERIAN FLOWERING ALMOND. This is the strain introduced by Professor Hansen. A very dwarf plant not growing taller than 3 feet or a little more. Is exceedingly hardy and drought resistant, being a native of the driest parts of Siberia. It is a mass of bright pink flowers in early Spring which last for some three weeks, very fragrant and fine for cutting. Also handsome on account of the Fall colors of its foliage. A beautiful low hedge. 12 to 18 in., each, 35c; 10, \$3.00; 25, \$7.00.

CHINESE PEACH. Sometimes called Siberian flowering almond, though not quite the same as the almond. A handsome shrub attaining fairly large size, has a mass of pinkish white blooms very early in the Spring before most other plants are started. Useful as a



May Day Bush.



Spirea Van Houttei.

SPIREA, Aurea (Golden Spirea). A type of opulifolia with handsome golden colored foliage. Each, 45c; 10, \$4.00.

SPIREA, Billiardi. A hardy, vigorous growing shrub with flowers in terminal rose-colored and white spikes blooming from midsummer until frost. Grows to a height of from 5 to 7 feet. 18 to 24 in., each, 35c; 10, \$2.75.

SPIREA, Alba or Salicifolia. This is a hardy native and the only native spirea in North Dakota. Resembles very closely the Billiardi except that the blossoms are always white. 18 to 24 in., each, 35c; 10 for \$3.00.

SPIREA, Scrobaria. The ash-leaved spirea resembling a Mountain Ash in appearance. A most distinctive shrub with its large plumes of white and its distinct and handsome foliage. Much of the wood dies back in the Winter and new wood shoots up very early, upon which are borne the masses of flowers during the month of July. 18 to 24 in., each, 50c; 10, \$4.50.

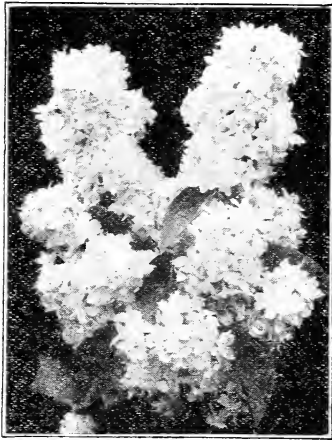


Spirea Billiardi.

Ketchikan, Alaska.

Please book my order for 10 Tom Thumb Cherries for Fall delivery. As I gave away your catalog I do not know the price of the above cherries. I bought one in 1927 which bore this year.

F. H. FIEDLER.



Common Lilac.

LILAC, Persian. This is a later blooming form of lilac with finer foliage and flowers. Does not freeze back as often as the common and is a very beautiful shrub. 2 to 3 ft., each, 50c; 10, \$4.50.

LILAC, Common Purple (*Syringa vulgaris*). The old-fashioned shrub bearing dense panicles of lilac flowers in May. Each, 35c; 10, \$3.00.

LILAC, Common White. The old favorite with its pure white flowers of great fragrance. Each, 35c; 10, \$3.00.

LILAC, Villosa. Blooms after the Persian in month of June. The flowers are of a lilac-white and are in dense clusters. 18 to 24 in., each, 50c; 10, \$4.50.

JOSIKEA or Hungarian Lilac. A late blooming sort of the villosa type but with the flowers of a handsome violet color. Flowers the latter part of June. 12 to 18 in., each, 40c; 10, \$3.50.

LILAC, Japonica. This is perhaps the largest of all hardy lilacs, attaining a maximum height of 20 to 30 feet. It is a slow grower and particularly remarkable for the very large size of its flower spikes which are often over a foot long. The flowers are of a yellowish white color, fragrant and large, and come about July first. Japonica is at present just coming into general knowledge and enjoys a large popularity wherever it is known. Price, each, 18 to 24 in., 55c; 10 for \$5.00.

Shrubs for Both Hedge and Ornamental Planting

TARTARIAN BUSH HONEYSUCKLE. The upright or bush form of the Honeysuckle and noted for the great profusion and fragrance of its flowers. Growing from 8 to 12 feet high (according to location), these tall growing shrubs are extremely suitable for shrubbery clusters and for individual planting purposes, especially in exposed locations, as they are the last word in hardiness. For hedges they are unsurpassable, being very ornamental in a trained hedge and will stand clipping to any desired shape or form.

Mixed. 2 to 3 ft. Each, 25c; 10, \$2.20; 50, \$10.00; 100, \$19.00.

Red or Pink. 18 to 24 in. Each, 35c; 10, \$3.00; 50, \$12.50.

White. 18 to 24 in. Each, 30c; 10, \$2.50; 50, \$11.00.

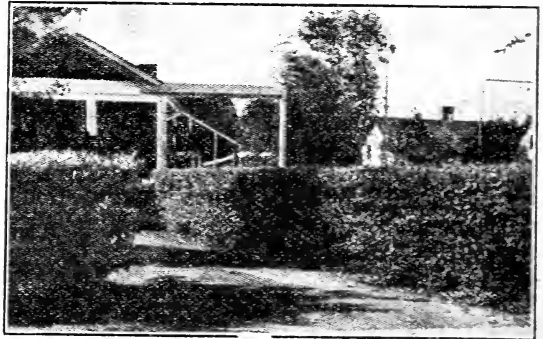
SIBERIAN PEA TREE—CARAGANA ARBORESCENS. The most popular of all the Russian and Siberian importations.

Valuable alike for trimmed hedge, shelter belt or ornamental shrub and one of the very hardiest plants in existence. It is being used extensively and with the best results in farm plantings. Foliage resembles that of the locust, and a dainty yellow, pealike flower covers the plant in late May or June. Bark a handsome green in color. 12 to 18 in., each, 10c; 10, 75c; 100, \$4.00; 500, \$16.00. 18 to 24 in., 10, \$1.00; 100, \$5.00; 500, \$20.00. 2 to 3 ft., each, 15c; 10, \$1.25; 100, \$12.00.

RUSSIAN OLIVE—ELEAGNUS ANGUSTIFOLIA. The hardiest of the Russian importations. Thrives on the poorest soils and withstands drought, heat and cold absolutely. It has small yellow flowers produced abundantly, replaced later by small silvery white, olive-shaped fruits. When trimmed it makes a beautiful ornamental and when cut back forms a most effective hedge. For hedging, plant 1 foot apart. 12 to 18 in., each, 10c; 10, 80c; 50, \$3.00; 100, \$5.00; 500, \$20.00. 18 to 24 in., each, 15c; 10, \$1.25; 50, \$6.00; 100, \$11.00.

BUCKTHORN. One of the most popular hedges where there is a fair amount of moisture and the soil is good. Cold resistant, and makes a beautiful and sturdy hedge. Plants, 12 to 18 in., each; 20c; 10, \$1.50; 50, \$7.00. 18 to 24 in., each, 25c; 10, \$2.25; 50, \$10.00.

COTONEASTER, Acutifolia. This shrub, which is not only handsome in mixed plantings but unusually well adapted to the formal hedge under conditions where Privet is used in milder climates, is one of the most valuable of recent Asiatic introductions. The foliage is dark green and very glossy, flowers which come early are inconspicuous but are followed by handsome black berries which hang until very late. 18 to 24 in., 30c; 10, \$2.75; 50, \$12.50. Seedlings, 6 to 12 in., 100, \$6.00.



Caragana Hedge.



Tartarian Honeysuckle.



Cotoneaster, Acutifolia



Old Man or Artemisia.

ORNAMENTAL SHRUBS—Continued.**OLD MAN or RUSSIAN ARTEMISIA.**

One of our very hardiest and quickest growing hedge plants. Will make a 4-ft. hedge in a month or two. Semi-herbaceous and kills back part way over Winter, but the new growth comes faster and stronger each year. Feathery branches covered with grayish green foliage and emitting a pleasant, pungent odor. Each, 25c; doz., \$2.50; 50, \$7.00; 100, \$12.00.

BUFFALO or BULL BERRY (*Shepherdia arg.*). Red. A native shrub, hardy, especially adapted to dry conditions, with silvery foliage. Is a mass of brilliant red berries from early August until they are picked or eaten by birds. Named by the early French explorers as the bushes in fruit looked at a distance as though they were hung with fresh buffalo meat. The berries make an excellent jelly. Price, 2 to 3 ft., 35c; 10, \$3.00; 50, \$12.50.



Buffalo Berry.

YELLOW BUFFALO BERRY. A much rarer form which we have only recently been able to propagate. Berries are even better in flavor and for jelly than the red. A mixed clump makes a handsome contrast. Price, 2 to 3 ft., each, 45c; 10, \$3.75; 50, \$15.00.

Pioneer Hardy Shrub Collection

A COMPLETE FOUNDATION PLANTING

TALLEST GROWING. 1 Tartarian Honeysuckle, 25c; 1 Sheepberry, 45c; 1 Yellow Flowering Currant, 35c.

MEDIUM SIZED. 1 Russian Artemisia, 25c; 1 Van Houtte Spirea, 35c; 1 Cistena Purple-leaved Sand Cherry, 50c.

SMALL SHRUBS. 1 Froebeli Spirea, 35c; 1 Siberian Flowering Almond, 35c.

CATALOG PRICE TOTALS \$2.85.

PRICE FOR THE COLLECTION

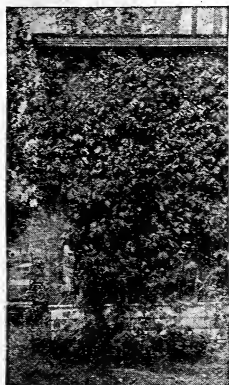
\$2.25

Buffalo, N. D.

Were pleased with Oka Cherry trees, also Raspberry plants.

Sincerely,
MRS. ROBERT CARR.

Creepers and Vines



Virginia Creeper.

CLEMATIS or VIRGIN'S BOWER. With its starlike white flowers and feathery seed heads this native is one of the handsomest of all climbers. It attains a new growth of 8 to 10 feet each year, but part of the old growth dies off. Each, 25c; 10, \$2.00. Postpaid, each, 30c.

LARGE FLOWERING YELLOW CLEMATIS. This variety, though found native in this section, is very uncommon and is usually considered an Asiatic variety. It is more delicate of foliage and slower of growth than the white but the large yellow blossom is very showy, and the vine is perfectly hardy. Produces a beautiful effect as a porch or trellis vine. Each, 30c; 10, \$2.50. Postpaid, each, 35c.

VIRGINIA CREEPER or WOODBINE. Also called five-leaved ivy. One of the most popular and most valuable vines with handsome foliage, and blue berries in the late Summer. The deep red which it takes on in the Fall is especially striking. Each, 25c; 10, \$2.00. Postpaid, each, 30c.

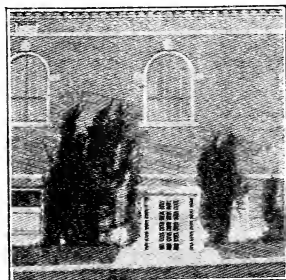
ENGELMANN'S CREEPER (*Amp. Engelmanni*). A type of Virginia creeper, but having shorter joints, and much smaller and thicker leaves. Its strongest feature is its ability to cling to brick, stone or plaster. This makes it valuable in covering walls and large buildings. It is quite hardy but we advise planting it in partially sheltered places. Each, 30c; 10, \$2.75. Postpaid, each, 35c.

NATIVE HOP VINE. This vine is very similar in appearance to the cultivated sort but is hardier. A perennial root with new growth each year, which attains a length of 16 feet or more. A handsome, thick-growing vine that will thrive in almost any soil and under any condition. Each, 25c; 10, \$2.00. Postpaid, each, 30c.

CHINESE MATRIMONY VINE. Useful both as a vine or shrub. Not a good climber, but excellent to trail on walls, terraces, etc. A fast growing woody plant with drooping or trailing branches. Has lavender blossoms early and good sized ornamental red fruit which persists into Winter. Each, 15c; 10, \$1.00. Postpaid, each, 20c; 10, \$1.25.

BITTERSWEET, *Celastrus scandens*. A very ornamental and absolutely hardy native climber. It produces orange-yellow flowers followed by showy crimson fruits in Autumn. The leaves are dense and glossy. Each, 35c; 10, \$3.00. Postpaid, each, 40c.

(See also Grape Vines on page 88).



Engelmann's Creeper.

Hardy Roses

Add 10c to price of Single Rose if ordered postpaid.

Few Roses are suited to the climate of the Northwest and nearly all require some Winter protection. Of those we list, *Rosa Pratincola*, *Harrison's Yellow* and *Hugonis* are entirely hardy without covering. The *Rugosa* and its hybrids will kill back a trifle in severe Winters, but are generally hardy; all others should be cut back in the Fall and well covered, preferably with soil banked up, but at least with straw or manure.

HARRISON'S YELLOW (*Briar Rose*). After several years of comparison between this and the *Persian Yellow*, which is a very close relative, we have come to the conclusion that there is no apparent difference in hardiness and that *Harrison's* is somewhat more double and has a larger blossom. It bears very profusely rather early in June and remains in flower for 10 days to three weeks. Each, 85c; 10 for \$8.00.

PRAIRIE ROSE (*Rosa pratincola*).

The North Dakota State Flower and the hardiest and prettiest of the several wild *Roses* of the Northwest. Never grows taller than 2 to 3 feet and assumes a symmetrical bush shape which makes it ideal for low division lines. The large, single, pink blooms are followed by bright scarlet berries of good size. Each, 35c; 10 for \$3.00.

HUGONIS (*The New Hardy Chinese Rose*). This Rose, which has created a sensation since its introduction, is a yellow bush Rose of rapid growth, with exceptionally handsome foliage and bearing an unbelievably heavy blooming of single yellow flowers in June. The foliage turns a bronze-red in Fall so that this is the one rose which is ornamental all season instead of at blossom time only. Each, 85c; 10 for \$8.00.

DR. E. M. MILLS. This is another Van Fleet production, being partly of the blood of *Hugonis*, which it resembles in many particulars, such as its habit of growing and blooming, and the beauty of its foliage. Extremely hardy and is covered in June with a dense mass of primrose colored *Roses*. Each, 75c; 5 for \$3.50.

HANSA (*Rugosa Hybrid*). Crimson in color and one of the very hardiest. Strong and upright in growth, handsome foliage and blooms throughout the Summer most profusely. Flowers keep well when cut. Each, 75c; 5 for \$3.50.

SARAH VAN FLEET (*Rugosa Hybrid*). This is one of the newer *Rugosa* hybrids, a production of the famous Rose breeder, Dr. F. W. Van Fleet. This variety is exceptionally hardy, a thrifty, strong growing bush. Blooms heavily and almost continuously through the season. Flowers are very double, large and of a rose pink color. Each, 75c; 5 for \$3.50.

AMELIE GRAVEREAUX (*Hybrid Rugosa*). One of the most handsome hybrids. The color is a rather brighter red than *Hansa* and the flowers, though smaller, are better formed and resemble the *Tea Roses* more. Very fragrant, medium hardy. Each, 80c; 5 for \$3.60.

NEW CENTURY (*Hybrid Rugosa*). This is a handsome, light pink; bush rather low growing, 2 to 3 feet, but flowers of very large size. It is one of the hardier sorts, with the handsome leathery foliage of the *Rugosa*. A Van Fleet production. Each, 80c; 5 for \$3.75.

SIR THOS. LIPTON (*Hybrid Rugosa*). This is one of the hardiest of the white *Rugosa* hybrids and one of the flowers as well, so we are offering it instead of the old white sort that we listed formerly. Each, 80c; 5 for \$3.75.

GROOTENDORST OR CARNATION ROSE (*Rugosa Polyantha Hybrid*). Something new in *Roses*. Handsome *Rugosa* foliage with flowers in clusters like its baby rambler parent. The flowers, however, resemble carnations more than anything else, and are of a delicate pink shade which heightens the resemblance. Each, 80c; 5 for \$3.75.

CRIMSON BABY RAMBLER (*Dwarf Polyantha*). Flowers similar to those of the climbers but plant forms a dwarf bush excellent for bed and as a pot plant. Blooms continuously throughout the Summer and flowers are a brilliant crimson in color. Each, 75c; 5 for \$3.50.

CRIMSON RAMBLER (*Climber*). The *Crimson Rambler* is the hardiest of the climbers and will survive if laid down and covered with earth through the Winter. Grows 8 feet or more per year and in June is a mass of brilliant crimson blossoms in dense clusters. Each, 75c; 5 for \$3.50.

GEN. JACQUEMINOT (*Hybrid Perpetual or Bush Rose*). One of the best and most popular of the red *Hybrid Perpetual Roses* grown. It is bushy in habit and quite hardy. The large and fragrant flowers are a rich crimson. Should have some Winter protection. Each, 75c; 10 for \$7.00.



Harrison's Yellow.



Hansa.



Amelie Graveraux.



Sir Thos. Lipton.

I sure look forward to receiving your catalog each year. I have always found your seed good, never miss a thing.

MRS. GEO. RYDEN.

Oakdale, N. D.

CHOICE HARDY PEONY ROOTS

Peonies are without doubt the most hardy, beautiful and easily grown perennials of all the flowers grown within the temperate zone and when once planted last a lifetime.

Deduct 5c per root on named sorts if ordered by express.

PEONY MANUAL. A first class book on growing and handling peony roots and flowers with information as to fertilizing and dividing; also some account of varieties, colors, etc. Indispensable for the amateur peony grower. Price, postpaid, 50c.

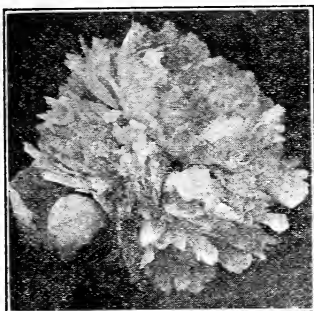


Couronne d'Or.

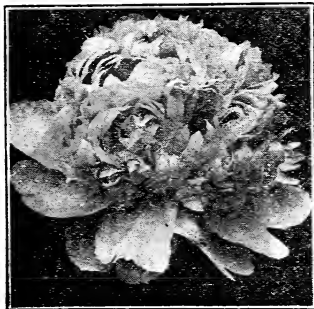
Fancy Selected Variety Collection

This collection consists of two each of the finest red, white and pink varieties. A REAL BARGAIN—one Festiva Maxima white, early; one Couronne d'Or, late white; one Felix Crousse, bright red, midseason; one Karl Rosenfeld, darker red, midseason; one Mons. Jules Elie, early pink; one Modeste Guerin, midseason pink. Value at regular price, \$5.50. **SPECIAL COLLECTION PRICE**.....

\$4.50



Madame de Verneville.



Mons. Jules Elie.



Karl Rosenfeld.

Choice Mixed

These are roots from mixed plantings of fine selected varieties, most of them being of the sorts which we list separately. We do not furnish special colors. Each, 50c; 10 for \$4.00, postpaid.

\$4.00

White Peonies

FESTIVA MAXIMA (White). One of the oldest and very finest varieties, and perhaps the largest of them all. Pure white with a tinge of crimson at the heart, early, a heavy bloomer. Rose type, perfect for cutting. Postpaid, each, 70c; 5 for \$3.00.

COURONNE D'OR (White). This splendid late white sort is distinctive for the crown or halo of golden yellow anthers which surrounds the heart of the large rose type flower, giving it a most beautiful and distinguished appearance. Pure, creamy white except for the crown. Postpaid, each, 80c; 5 for \$3.50.

MADAME de VERNEVILLE. This wonderful early variety is one of the most generally satisfactory of all. It is early, a very profuse bloomer, and a wonderful cut flower sort. A combination of white base, with a belt of cream and the center a delicate pink, a perfect bomb with a most pleasing fragrance. Postpaid, each, 60c; 5 for \$2.80.

Pink Peonies

MONS. JULES ELIE. This is undoubtedly the finest rose-pink peony in cultivation. The flowers are of tremendous size, very compact, and display class in shape, color and size. This is probably the largest peony known. Postpaid, each, \$1.10; 5 for \$5.00.

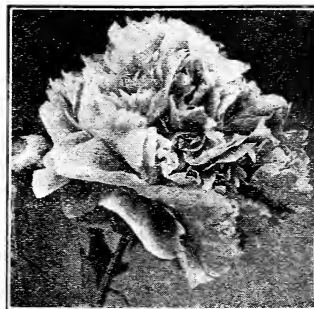
MODESTE GUERIN. This is a beautiful, rose type peony, medium late and of an unusual very dark pink color, so dark as to approach a rose-red. It is a prolific bloomer and very good for cutting. Pleasantly fragrant. Postpaid, each, 70c; 5 for \$3.00.

Red Peonies

FELIX CROUSSE (Red). One of the finest of the reds, color a rich ruby, full rose type bloom, late midseason in appearing. A sturdy plant with many blooms which are excellent for cutting and handsome on the stems. Postpaid, each, 75c; 5 for \$3.50.

KARL ROSENFELD (Red). One of the finer red sorts, comes along in early midseason. A rich velvet crimson in color with a bloom on every shoot. Blooms large and of the rose type. One of the richest flowers that we have. Postpaid, each, \$1.60; 5 for \$7.50.

MONS. MARTIN CAHUZAC. This is the very darkest peony grown, almost black in some lights with a bronze shading. One of the extra fancy sorts which it is impossible to describe. Midseason, large flower of the rose type and very perfect. Each, \$3.20, postpaid.



Felix Crousse.

Beautiful Hardy Perennial Flowers

Arranged alphabetically. Earliness indicated. This is a selected list including many of our exceptionally beautiful natives. Prices of all perennial roots unless otherwise noted, f. o. b. here, each, 20c; doz., \$2.00. Postpaid, each, 25c; doz., \$2.50.

ANEMONE or WINDFLOWER, *Anemone canadensis*. Has beautiful white flowers in June and July and will do especially well mixed in with partially shaded shrubbery. 12 to 18 inches.

ACHILLEA (The Pearl). One of our finest hardy herbaceous border and bedding plants. Has pure white double flowers in dense clusters blooming from July until October. Also used much in cemeteries and for cutting purposes, 1½ feet.

ASTER, BLUE UPLAND or DAKOTA BLUE. This is one of the handsomest of the native asters, dwarf in habit, extremely profuse bloomer, with large blue, yellow-centered flowers. One of the latest perennials, blooming till October. 12 to 24 inches.

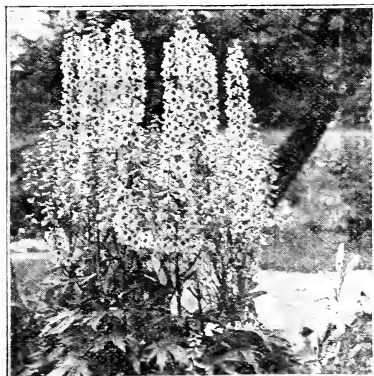
ASTER, TALL BLUE. Another native attaining a height of 3 to 5 feet. Very similar in appearance to the beautiful New England aster; tall stemmed with handsome foliage. Blooms in late August and September.



Bouncing Bet.



Boltonia.



Delphinium or Larkspur.

BABY'S BREATH, *Gypsophila paniculata*. A very graceful plant blooming in August and September, when it becomes a mass of minute, pure white blossoms, unexcelled for cutting. 2 feet.

TALL BLAZING STAR, *Liatris squarrosa*. This is one of our most beautiful of midseason perennials; purple, feathery flowers borne thickly on a long spike during July and August. 24 to 36 inches.

DWARF BLAZING STAR. This is a small variety of the one previously listed. Very hardy and drought resistant; especially suited to sandy soil. Deep purple flowers on wandlike stems in July and August. 10 to 20 inches.

BLEEDING HEART, *Dicentra spectabilis*. One of the very best old-fashioned garden plants and hardy in every respect. Very fine for borders or margins of shrubbery. Quite distinct and very scarce the last few years. Blooms in June and July. Each, 65c. Postpaid, each, 75c.

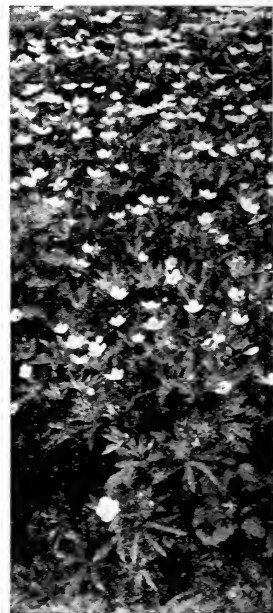
BOUNCING BET, *Saponaria*. An old favorite and one which we have found to be perfectly hardy. 12 to 18 inches high with a close head of white or pinkish white blooms at the top, resembling phlox very closely. Blooms throughout most of the Summer. Each, 15c; doz., \$1.50, postpaid.

BOLTONIA. A handsome August blooming native perennial with masses of small white, aster-like flowers. Grows from 3 to 5 feet high in a dense clump. Each, 15c; doz., \$1.50, postpaid.

COLUMBINE, *Aquilegia canadensis*. The red and yellow flowered sort of this old favorite, sometimes called Honeysuckle. Blooms from May to July. Height 18 to 24 inches.

ROCKY MT. COLUMBINE, *Aquilegia caerulea*. This is the beautiful state flower of Colorado. We have tried it several years now, and find that it is as hardy in our nursery as on the rocky slopes of its native mountains. Flowers mostly in shades of blue. Blooms in June and July. 18 to 24 inches high.

DELPHINIUM or LARKSPUR. The classic of the garden with its tall spikes and graceful foliage. One of the hardiest and most satisfactory of the old favorites. Grows to a height of 3 to 6 feet and blooms from the last of June through most of the Summer if cared for properly. We are offering three sorts this season. Prices, mixed lavender and blue, 20c each; doz., \$2.00, f. o. b. here; postpaid, each, 25c; doz., \$2.50. Bellamora Strain, dark blue, here, each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00. Belladonna Strain, pale lavender, here, each, 25c; doz., \$2.50; postpaid, each, 30c; doz., \$3.00.



Anemone Canadensis.



Columbine.



Gaillardia.

Prices F. O. B. here, 20c each; doz., \$2.00. Postpaid, 25c each; doz., \$2.50, unless quoted otherwise.

BLUE PERENNIAL FLAX. Another beautiful native. Very hardy and thrives well in any soil, producing a dense mass of stems covered with beautiful blue flowers in June and early July and again in the Fall, 18 to 24 inches.

GAILLARDIA or BLANKET FLOWER. One of the showiest and hardiest of the perennials. Blooms from July to frost and presents a mass of red and yellow that is very striking. Valuable for cutting and a good keeper. A close relative of our native gaillardia. 12 to 24 inches high.

GIANT DAISY. This flower resembles the Shasta Daisy superficially, but is even harder, requires no Winter protection and will thrive in sun or shade almost equally, but prefers heavy soil. Grows to a height of 4 to 5 feet and bears a cluster of large white daisy-like flowers at the top.

GOLDEN GLOW, Rudbeckia. Very free flowering and one of our most attractive Autumn flowering perennials for massing or mixed borders, producing beautiful golden yellow flowers in great profusion from August until October. 5 to 6 feet.



Golden Rod.

GOLDEN ROD. One of the most beautiful and effective of the late flowering plants. Blooms from August on. Grows from 18 to 36 inches high with feathery spikes of yellow bloom. There are many sorts but we consider this the finest species. Each, postpaid, 10c; doz., \$1.00.

HOLLYHOCK or WALLFLOWER. We have a wonderfully fine stock of this old favorite. It is perhaps more useful than any other perennial. Blooms in July and August. Tall growing, it is ideal for a background or screen, and comes in more beautiful shades and colors than any of the other large plants. Unless the tops are cut back after blooming it will not grow again the following year. Height 4 to 8 feet. Best Mixture, each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.50. Choice Double, each, 30c; doz., \$3.00. By Mail, each, 35c; doz., \$3.50.

LEAD PLANT or AMORPHA CANESCENS. This is one of our most handsome midsummer blooming native perennials. Grayish green foliage, long spikes of rich purple flowers with golden anthers. 18 inches to 2 feet. Blooms in late July. We can offer also the larger *Amorpha fruticosa* this season at regular price. It is also a native with rich spikes of purple and bright green foliage.



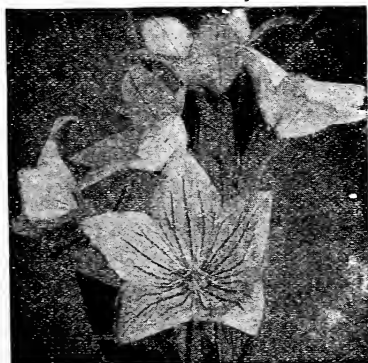
Hollyhocks.

LILY-OF-THE-VALLEY. An old favorite, early blooming, shade loving. Of wonderful beauty and fragrance. Blooms in June. Height, 6- to 12-inch. Clumps.

MEADOW RUE, TALL, Thalictrum. A beautiful native with foliage reminding one both of the columbine and the maidenhair fern. Grows to a height of three to four feet forming a dense clump, and bears tall plummy spikes of a delicate and feathery pink, and cream flowers. Blooms in late June and July but is handsome all Summer.

MONARDA (Fistulosa) or BEE BALM. This is the western representative of the plant known in the East as Cambridge Scarlet. It is also sometimes called horse mint. Bears large and numerous heads of feathery blue flowers with a pleasantly aromatic odor. Comes into flower in late July and August. Height 18 to 24 inches.

PASQUE FLOWER, Pulsatilla patens. Sometimes called the prairie crocus. The first flower to come out on our northern prairies in March or early April, often while the snow is still on the ground. 6 to 8 inches tall with a delicate, lavender, tulip-shaped bloom, followed by a silky tuft of a silvery color.



Platycodon or Bell Flower.

PLATYCODON or CHINESE BELL FLOWERS. We have a stock of both the deep blue and the white sort. With its balloon-like buds and large, handsome bell-like flowers this is a most satisfactory hardy flower. Blooms in early July. Height 20 to 30 inches.

PRAIRIE CLOVER, Petalostemum. This is a handsome purple native, the numerous heads coming into blossom in August. Very attractive to bees and butterflies. Height 12 to 30 inches, varying with the quality of the soil.

RIBBON GRASS, Phalaris. This handsome ornamental grass is useful in a dozen places around the garden. With its stripes of light green and white and its bushy habit of growth it is valuable in clumps and beds with many other plants. Height 15 to 25 inches. Good root. Each, 15c; doz., \$1.50, here. Postpaid, each, 20c; doz., \$2.00.



Shasta Daisies.

TIGER LILY, *Lilium Tigrinum*. Flowers bright deep orange-red, spotted with purplish black spots. Very useful, thriving from year to year in open border. 2 to 4 feet. Dormant bulbs only.

DOUBLE TIGER LILY. This resembles the single form but is fully double and of a trifle more delicate shape and appearance. Exceedingly handsome. F. O. B. here, each, 25c; doz., \$2.50. By mail, each, 30c; doz., \$3.00.

BLUE VIOLET. For early Spring the native violets are unsurpassed in beauty. The blue will stand either

PERENNIAL FLOWERS—Continued.

Price, F. O. B. here, 20c each; doz., \$2.00. Postpaid, 25c each; doz., \$2.50, unless quoted otherwise.

SPIDERWORT, *Virginia*. An old favorite and a hardy native as well. Grasslike foliage bearing in clusters large brilliant blue flowers which appear about July first. Height about 12 to 15 inches.

SHASTA DAISY, *Chrysanthemum Max.* Flowers large, pure white with yellow center, very showy and free-blooming. A fine border plant. Blooms in July. 12 to 18 inches.

MAXIMILIAN'S SUNFLOWER, *Helianthus*. Large single flowers, borne profusely, rich golden yellow, center reddish brown. Dark green drooping foliage. Blooms August and September. 5 to 7 feet.

SWEET WILLIAM. Another old favorite, belonging to the pink family. Colors mostly red and white. Blooms in July. 18 to 24 inches high.

shade or sun and is very greatly enlarged by cultivation. Blooms in late May and early June.

WHITE VIOLET. The native woods violet, especially suited to shady or partly shaded locations and of great beauty.

YUCCA or SPANISH BAYONET, *Yucca Glauca*. Native on dry clay buttes and in the driest possible location. Very ornamental in its ordinary condition, and unusually beautiful when it blooms in July with its long spike of greenish white bells. Height 12 to 24 inches.



Tiger Lily.

Hardy Iris

DWARF EARLY

SAMBO, *Pumila*. The earliest of all Iris; a dwarf variety of uncommon beauty which blooms very early in the Spring. Color a rich purple. Especially suited for edging and borders. Each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.20.

ARENARIA. A very early yellow variety; groups well with the Sambo. Each, 20c; doz., \$1.75. By mail, each, 25c; doz., \$2.00.

DARK BLUE PUMILA. This is a trifle later and a few inches taller than the Sambo with a somewhat darker and larger blossom, fully as hardy and excellent in every way. Each, 20c; doz., \$2.25. Postpaid, each, 25c; doz., \$2.50.

WHITE PUMILA. This is another of the extra hardy dwarf type, same size as the dark blue, of a handsome silvery color, and a prolific bloomer. This is the first time we have offered it, and have grown it and satisfied ourselves of its value before placing it on sale. Each, 20c; doz., \$2.25. Postpaid, each, 25c; doz., \$2.50.

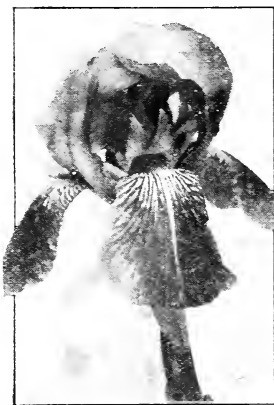
SIBERIAN IRIS

Each, 20c; doz., \$2.00. By mail, each, 25c; doz., \$2.25.

SIBERIAN BLUE. Large, handsome violet-blue flowers blossoming after the flag Iris are gone. This variety, having conspicuous crimson spathe valves, is also very ornamental in the bud stage. 2 to 3 feet.

SNOW QUEEN. An exquisite new variety with flowers ivory white in color and one of the finest of the whole Iris family. 2 to 3 feet.

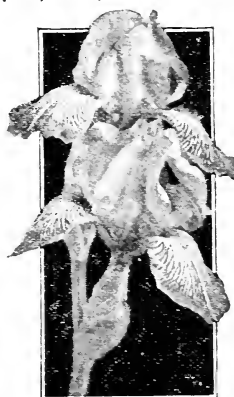
EUROPEAN YELLOW FLAG, *Iris pseudacorus*. This is an exceptionally hardy iris, valuable more for its size and vigor than for the flowers which are a pale yellow. The plant attains a height of 3 to 5 feet in a very short time and soon forms a heavy clump. Very useful therefore in beds and landscape planting. Needs plenty of moisture to look its best. Each, 20c; 12, \$1.75. Postpaid, each, 25c; 12, \$2.00.



Sambo.



Arenaria.



Honorabilis.

GERMANICA or FLAG IRIS

MADAME CHEREAU. Tall with high standards. Flowers white with blue margins. Each, 20c; doz., \$2.00. By mail, each, 25c.

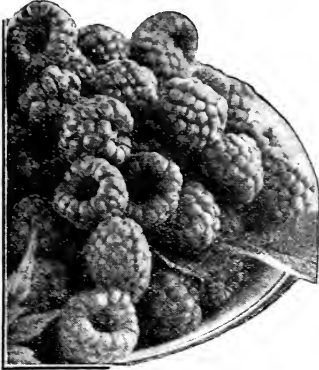
FLAVESCENS or CANARY BIRD. One of the best, and very conspicuous when planted in a mass. Upright soft, creamy yellow, falls paler cream color, with striped base. Each, 20c; doz., \$2.00. By mail, each, 25c.

QUEEN OF MAY. A new and choice variety with mauve purple flowers. Each, 20c; doz., \$2.00. By mail, each, 25c.

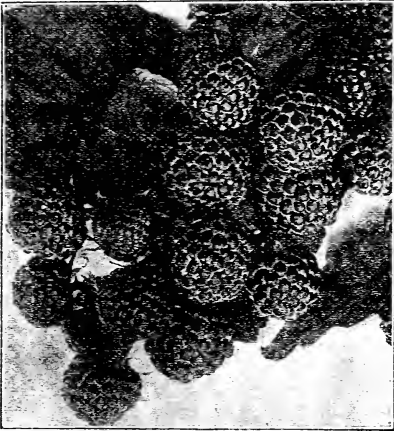
SILVER KING. Solid lavender fading to white. Each, 20c; doz., \$2.00. By mail, each, 25c.

HONORABILIS. A standard German Iris with large and exceedingly handsome blooms of yellow, brown and dark red shading into each other and producing a very striking and beautiful effect. Each, 20c; doz., \$2.00. Postpaid, each, 25c; doz., \$2.50.

Hardy Raspberries



Latham Raspberries.



Tye Black Raspberries.

SUNBEAM RED. This hardy raspberry, originated by Prof. Hansen, has to date proved the hardiest and most satisfactory variety for the Northwest in all our trials. It winter-kills less, and bears more with us than any other sort. Besides being productive the fruit is of good quality, and the bearing season is long, some fruit being borne on the new wood. For ordinary farm conditions it is by far the safest to plant. **Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 100, \$3.50.**

LATHAM RED. This berry is undoubtedly the finest that has been introduced for some years in localities where it is hardy. There are many places in North Dakota and the other Northwestern states where it succeeds but in general it is not hardy in the Great Plains type of environment. Probably the best commercial berry grown. **Price, doz., 90c; 50, \$2.50; 100, \$4.50. By mail, doz., \$1.00; 50, \$2.75.**

OHATA RED. Like the Sunbeam this variety was originated by Prof. Hansen of Brookings, S. D., who, in his endeavors to produce a berry better than the Sunbeam, was finally rewarded by this cross which he called Ohta. This variety might be termed an everbearer, as it bears from July until Fall. **Prices, doz., 75c; 50, \$2.25; 100, \$4.00. By mail, doz., 85c; 100, \$5.00.**

PEERLESS CLIMBING RED. This variety was originated by Mr. John Millet, and is a very rapid grower, so much so that it may be trained up in vine shape where room is limited. It produces a fine large berry of unusually good flavor, and bears well on the second growth. Not so generally hardy as Sunbeam but an excellent sort for good soil and in locations that are somewhat sheltered. Fruit is the largest of any sort that we list. **Price, doz., 40c; 50, \$1.60; 100, \$3.00. By mail, doz., 50c; 50, \$1.90; 10, \$3.50.**

TYE BLACK. The only hardy Black Raspberry in the Northwest. Found growing wild in the Square Buttes of this state by Mr. O. A. Tye and brought under cultivation. Makes a strong, stocky growth. Berries are medium-sized, firm and hang in clusters. **Doz., \$1.25; 50, \$5.50; 100, \$10.00. By mail, doz., \$1.40.**



Sunbeam Raspberries.

Blackberries

ELDORADO. The most valuable variety for our northern climate. It requires covering in Winter. The plants are vigorous, and their yield is enormous. The berries are large, jet-black, borne in large clusters and ripen well together. They are sweet and delicious and keep well after picking. **Doz., \$1.00, postpaid. F. O. B. Bismarck, doz., 90c; 50, \$3.75; 100, \$6.50.**

Hazelnut

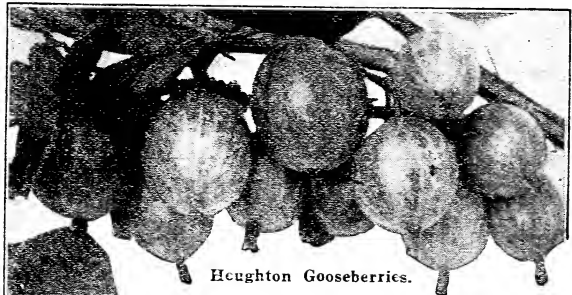
This is the only nut bearing plant native to North Dakota and hardy all over the state. Since our bushes are grown from nuts gathered from wild northern bushes they are likely to be a mixture of both the common species, rostrata and americana. The hazelnut grows from four to six feet, a dense bush, and the nuts hang on in clusters and may be picked fairly green. Nuts are edible and of good flavor, related to the filbert. **Each, 3 to 4 ft., 30c; 10, \$2.50. Postpaid, each, 35c; 10, \$2.75.**

Horseradish

Should occupy a place in every garden along with rhubarb and asparagus.

BOHEMIAN. A particularly large and smooth-rooted variety of strong flavor. **Postpaid, doz., 35c. F. O. B. Bismarck, doz., 30c.**

COMMON. The old-fashioned sort. **Postpaid, doz., 30c. F. O. B. Bismarck, doz., 25c.**



Houghton Gooseberries.

Gooseberries

HOUGHTON. An enormously productive, reliable old variety. The fruit is smooth, pale red, tender and well flavored. Of vigorous growth, slender and spreading; it is not subject to mildew. **Strong 2-year plants. Doz., \$1.75. By mail, doz., \$2.00.**

NATIVE WILD GOOSEBERRY. The wild gooseberry is of value both as a fruit and ornamental. It produces a very considerable quantity of excellent fruit which is only a little smaller than the tame sorts. It is a handsome ornamental, being the very first thing to leaf out in the Spring when the vivid green of its new leaves gives the first seasonal touch to the shrubby clumps; and among the last to go in the Fall at which time it becomes a handsome reddish bronze. **Each, 25c; doz., \$2.00. Postpaid, each, 30c; doz., \$2.25.**

Strawberries

We are pricing strawberry plants this year only at prepaid prices. All orders for them will be shipped by themselves, as we cannot usually start shipping till near May first and the plants are liable to damage if packed in with other goods.

Progressive, 25, 75c; 50, \$1.40; 100, \$2.40; 1000, \$22.00.

Senator Dunlap, 25, 45c; 50, 80c; 100, \$1.25; 1000, \$11.00.

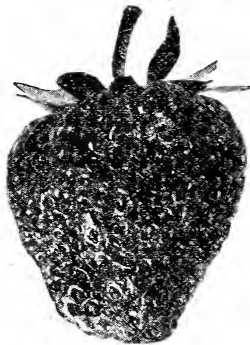
Mastodon, 25, \$1.50; 50, \$2.50; 100, \$4.50.

PROGRESSIVE EVERBEARING (Perfect Flowering). After years of testing out, this variety holds first place among the Everbearing kinds for the Northwest section.

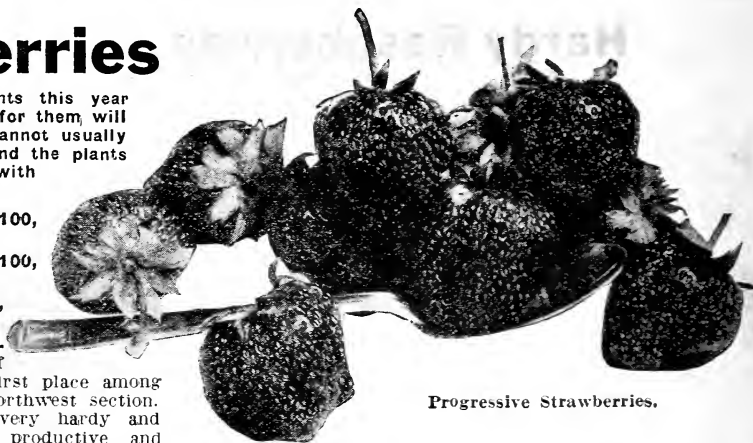
It is very hardy and highly productive and we recommend this kind for all ordinary purposes, either for the Farmer who wants to set out 500 or 1000 plants or for the city dweller who is content with 25 or 50 plants. Keep blossoms picked off during Spring when plants are set out. This insures a good crop for Fall.

MASTODON EVERBEARING. This is a new variety which we have been trying out for the past two years with very excellent results. It seems equal in hardiness to the other sorts which we list, is a rapid and healthy grower and bears fruit of extremely large size both in the early period and the late bearing time. Needs water when in bearing. Under favorable conditions this is the heaviest producer of all.

SEN. DUNLAP. June Bearing (Perfect Flowering). This is the greatest of all the June bearing strawberries. The vine is tough, bright, a rampant runner, and a sturdy grower. It is wonderfully productive and each berry is regular in shape and of delicious quality. The berry is large, bright red and glossy, firm, a good keeper, and the very best sort for canning.



Senator Dunlap.



Progressive Strawberries.

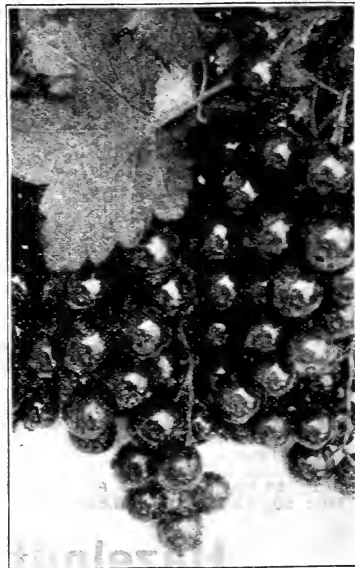
Currants

PERFECTION. Greatest of all Currants. The only small fruit ever awarded the Gold Medal of the Western New York Horticultural Society. A cross of Fay's Prolific and the White Grape Currant; it combines the large size and rich color of the Fay with the good quality and productiveness of the White Grape. The berries are rich, mild sub-acid and few seeded. It is the most profitable currant, and the easiest to pick. Prices, each, 20c; doz., \$2.25. By mail, each, 25c; doz., \$2.50.

CHERRY CURRANT. An old standard variety. The growth is strong, stout and erect. The fruit is of large size, deep red and rather acid. Very productive. Doz., \$2.10. By mail, each, 25c; doz., \$2.35.

WHITE GRAPE. The best variety of white currants. The bushes are thrifty and productive, bearing large, white currants of the very sweetest flavor. Doz., \$2.10. By mail, each, 25c; doz., \$2.35.

NATIVE BLACK, Ribes Floridum. We have a limited supply of transplanted stock, nursery grown from seed, of this kind, which can be used for fruiting or ornamental purposes. The fruits are large, sweet, and make excellent jelly. Each, stocky, 25c; doz., \$2.50. By mail, each, 30c; doz., \$3.00.



Perfection Currants.

Hardy Grape Vines

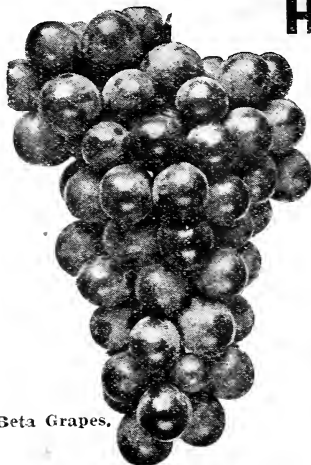
NATIVE WILD GRAPE, Vitis riparia. To insure fruiting several should be planted.

This is one of the most satisfactory wild fruits for cultivation. A small arbor planted with about a dozen vines will produce several bushels of grapes.

The fruit is unsurpassed for jelly, jams, and grape juice, and the plant is one of the easiest to grow. 3-year plants, each, 20c; 10, \$1.60. Add 5c per plant or 20c for ten if postpaid.

BETA GRAPE. It has been tested over the whole Northwest and is giving satisfaction wherever grown. In exposed locations and under dry conditions it is not advisable to plant it, but with plenty of moisture, in good soil and with some shelter it does remarkably well. When the location is doubtful we advise winter covering. The berries are blue black, of medium size, with a pleasant aromatic flavor; they ripen about the last of August. Strong plants, each, 35c; doz., \$3.00. Postpaid, each, 40c; doz., \$3.25.

ALPHA. This is the new hardy grape which is proving equal even to the Beta. In North Dakota experiments it is harder than Beta, and the quality is perhaps somewhat better. It appears to be a cross between the wild and Concord grapes. It resembles the latter except that it is a trifle smaller, but it is the largest of the extra hardy grapes. Each, 40c; doz., \$3.50. Postpaid, each, 45c; doz., \$3.75.



Beta Grapes.



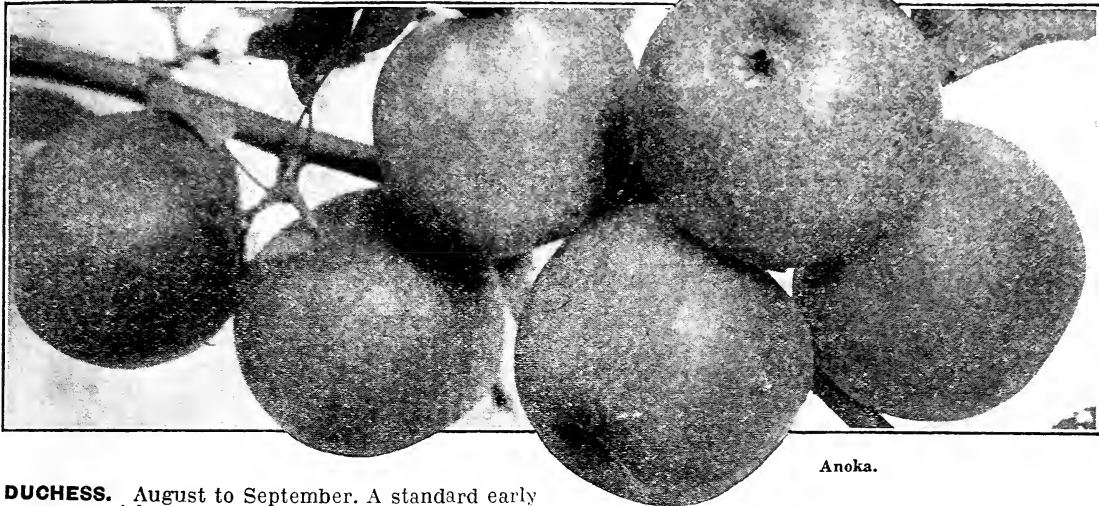
Wild Grapes.

Hardy Apple and Crab Apple Trees

Budded or Grafted on Siberian Crab or Pyrus Baccata Roots.

More than fifteen years of success at the U. S. Great Plains Experiment Station at Mandan have demonstrated that both apples and plums may be raised under the climatic conditions of the western prairies if they are grown in bush form on hardy roots. We were the first to recognize that hardy stocks and low heading trees must be used and the first to grow and offer them.

Apples and Crabs are 3 to 4 ft., young and bushy stock. Smaller sizes used for mailing.



Anoka.

DUCHESS. August to September. A standard early commercial variety and the best known of all the Russian Apples. It is very hardy, free from blight and an early and prolific bearer. The fruit is large, yellow with red stripes, very tender and juicy. **Each, 45c; 5, \$2.00.**

HARALSON. A Real Winter Apple. This new sort is another one of the triumphs of the Minnesota Fruit Breeding Station. A strong, upright tree, resistant to fire blight, bears early and yet the fruit keeps until long into the Spring in perfect condition. Bears a good crop of large, handsome red Apples. **Each, 60c; 5, \$2.75.**

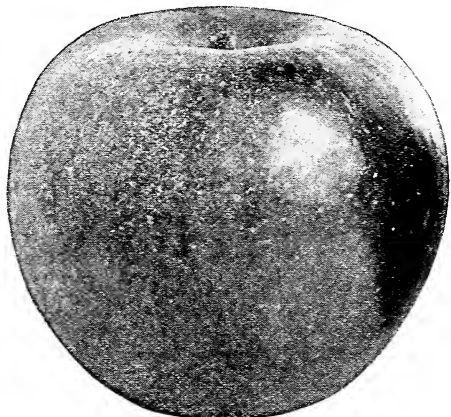
PATTEN'S GREENING. February to March. A seedling of the Duchess, very hardy, vigorous and free from blight. The fruit is large, yellow and keeps remarkably well. One of the best all-around varieties for the Northwest. A good eating and cooking Apple. **Each, 45c; 10, \$4.00.**

WEALTHY. October to January. This variety is beyond doubt the most popular sort throughout the Northwest. A hardy, upright grower and a very abundant bearer. The fruit is large and dark crimson in color. The flesh is crisp and sub-acid, white tinged with red. A fine eating Apple and one that keeps well in storage. **Each, 45c; 10, \$4.00.**

RED WING. One of the new Minnesota varieties which we are very fortunate in being able to offer this year, on specially hardy root stocks. A very hardy and blight-free sort, has lived some twelve years and borne in Manitoba. Of sturdy habit and handsome appearance. Fruit is medium to large in size, of wonderful keeping qualities, so that it fills the long-felt want in the Northwest of an entirely hardy Winter Apple of good quality. Fruit hangs to tree well, is beautiful in appearance, with firm, fine grained, juicy flesh. **Each, 55c; 5, \$2.50.**

ANOKA. The test of years is proving the Anoka to be the most important Apple introduction for the Great Plains that has yet come from the laboratory of the Northwest's Burbank. Prof. N. E. Hansen. It bears often the second year from planting, carries large crops every year, is a sturdy, handsome and exceedingly hardy tree. The fruit is of fine flavor, early, resembling the Duchess in many ways. The very best for the home place under plains conditions. **Each, 65c; 5, \$3.00.**

HIBERNAL. Hardest of All. October to December. The hardest type of the Russian family. A spreading grower and an early, regular bearer. The fruit is large and yellow in color, with dull bronze-red on the sunny side. Excellent for cooking and the best for drying purposes, but tart for eating until ripe. **Each, 45c; 10, \$4.00.**



Haralson.

Pioneer Apple and Crab Collection

This Bargain Collection consists of one each of the following extra hardy and high quality Apple and Crab Apple trees. The best of the standard and new introductions:

**ANOKA—HARALSON—WEALTHY—HYSLOP CRAB
WHITNEY CRAB—DOLGO**

Value, \$3.20. Special Price, \$2.75.

Hardy and Prolific Crab Apples

The hardy crabs are without doubt one of the very surest fruit crops for the Northwest, particularly if they are allowed to grow in bush form.

DOLGO CRAB. Another valuable product of Prof. Hansen's work. A strikingly beautiful tree, sturdy, upright, with handsome foliage. Bears heavily and the fruit of medium size is of excellent flavor, and of a wonderfully handsome brilliant red color. Both as an ornamental and for the large quantity and fine quality of fruit the DOLGO ranks high, and in addition it possesses ironclad qualities of hardness. Each, 60c; 5 for \$2.75.

PYRUS BACCATA. The Siberian cherry apple. This is a handsome ornamental, the original Siberian wild crab, and produces heavy crops of a small, cherry-sized apple which is unusually satisfactory for making jelly. This variety is the hardest of the apple family and is the one which is largely used by us as a root stock for our other varieties. Each, 40c; 10, \$3.50.



Dolgo Crab.

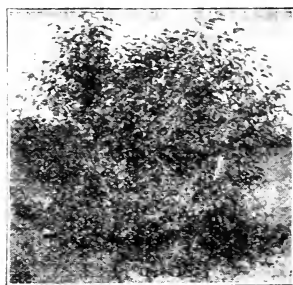
HYSLOP CRAB. September to November. A small, late, dark red crab. It is very hardy, a good yielder and one of the most popular varieties. Each, 45c; 10, \$4.00.

WHITNEY CRAB. August to September. A hardy, thrifty, upright grower. Excellent flavor even to eat out of the hand. The fruit is very large and glossy green, striped with red. The flesh is firm, juicy and pleasant. It is a very heavy yielder and highly prized for pies. Each, 45c; 10, \$4.00.

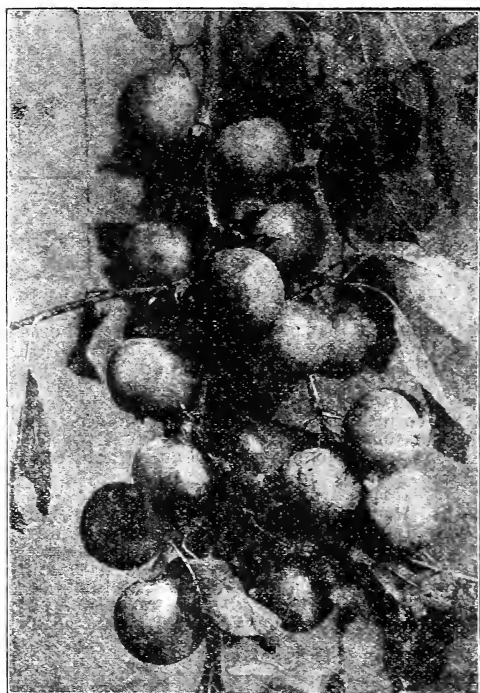


Whitney Crab.

SIBERIAN CRAB. This is one of the very hardest of the crab family, being a cultivated selection from the wild crab of Siberia. The fruit is small, tart, and juicy, ripens in mid-August and yields very heavily. The tree is of handsome shape and reaches considerable size, one of ours being 30 feet tall with a trunk a foot or more in diameter. Each, 50c; 10, \$4.50.



Bush Form Crab Apple.



Hyslop Crab.

Mendel Pear

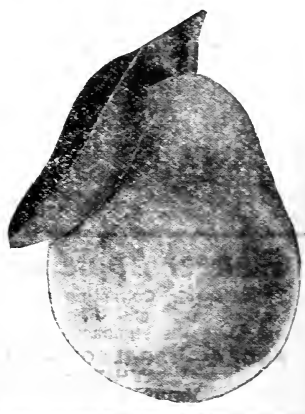
We have never before listed a pear as we have never found one which could be considered really hardy in the Northwest. However, we have come to the conclusion after considerable investigation that the Mendel is hardy enough for trial and will undoubtedly succeed in many localities. It has survived at the Northern Great Plains Station at Mandan over a period of several rather severe years.

Mendel is a real, good sized pear of very fair quality and showing great resistance to blight as well as hardness against cold.

We are fortunate to be able to offer a limited number of 3 to 4 ft. trees. Price, each, 75c; 5 for \$3.50.

The nursery stock we purchased from your firm grew beautifully. Just a few Caragana and Gooseberry bushes died. I believe we left the latter too long in the rain barrel.

SISTERS OF NOTRE DAME.



Mendel Pear.

Plums and Plum Hybrids

The Latest Hardy, High Class Varieties for the Northwest

Special Bargain Collection of Fine Plums

We offer one each of the following plums: Cree—Underwood—Red Wing—Native Wild—Opata—Sapa. Value \$3.80—
for

\$3.25



Underwood Plums.

Minnesota State Fruit Breeding Station, which means that it is as large as the regular commercial plums. It has proven hardy over most of our state. Fruit is large, firm, yellow overlaid with red in color, flesh sweet and of good quality; freestone. Midseason bearer. 3 to 4 feet. Each, 70c; 5 for \$3.25.

WANETA. This is the largest of Professor Hansen's hybrid plums, being a cross similar to the Underwood. It has proven perfectly hardy at the U. S. Station at Mandan, is a heavy bearer, and produces the largest fruit of any hardy plum. Fruit is of good quality, ripens in mid-season and is of excellent flavor. Fine healthy, 3 to 5 ft. trees, each, 75c; 5 for \$3.50.

RADISSON. This exceptionally early and delicious plum from the Minnesota Fruit Breeding Station once again has shown itself to be one of the hardiest and most satisfactory for the Northwest. The size is fairly large and the quality is unsurpassed. Fruit is a handsome red. 3 to 4 feet. Each, 75c; 5 for \$3.50.

Cree Plums.

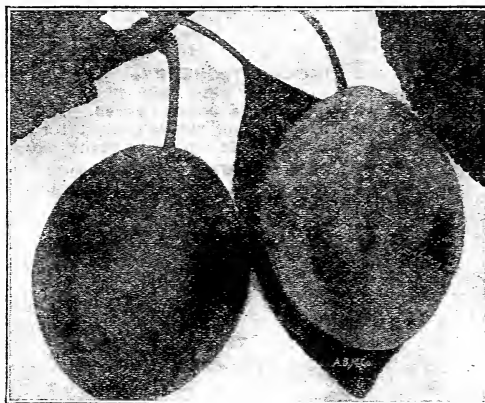


OPATA. A plum-sandcherry cross, should be headed low and the old wood trimmed out as it bears on young wood. An origination of Professor Hansen and one of his most popular ones. A cross between Sandcherry and Gold Plum. Fruit dark red with a blue bloom, early, flesh green with a delicious flavor. Ready to pick in mid-August. Price, each, 60c; 5 for \$2.50.

SAPA. A similar cross to Opata, between sandcherry and Japanese Plum. A couple of weeks later than Opata but of the same habit of growth and should be handled in the same way. The fruit is dark purple, and the flesh is a purplish red which makes it exceptionally attractive particularly when canned. Winterkills at the ends of the branches sometimes but this does not unduly affect production. Price, each, 65c; 5 for \$3.00.

UNDERWOOD. This is one of the hardiest of the new Minnesota Fruit Breeding Station varieties and has proven perfectly hardy with us. These varieties in flavor are the equal of any of the Japanese plums, are larger than any of the American type, and are thrifty and strong varieties which bear annually. The Underwood is an excellent keeper and the earliest plum in the list. Fruit is large, dark red, and sweet. Ripens in midseason. 3 to 4 feet. Each, 75c; 5 for \$3.50.

RED WING. This is one of the largest fruited plums of the new introductions from the Min-



Waneta Plums.

NATIVE WILD PLUM. Ironclad as to hardiness, useful in windbreak and shelter belt planting, and very valuable for its certain crop of fruit which makes delicious sauce, jam and jelly. Prices low, as they can be raised without budding or grafting. 3 to 4 feet. Each, 35c; 10, \$3.00.

CREE. The Cree is one of Professor Hansen's originations and assuredly one of the best. It has been carefully tested here and at the Mandan Station and has proven absolutely hardy and of wonderful quality. It is one of the largest sized plums of the North, the fruit being bright red, skin thin, ripening in the latter part of August. It is a cross between the Prunus Nigra of Manitoba and the Shiro plum. 3 to 4 feet. Each, 75c; 5 for \$2.50.

— Arco, Idaho.
The trees arrived in prime condition and I put them in the ground the same day I received them. I don't think I ever received trees in as good shape as they were.
WM. JOSEPH HUGHES.



Opata Plums.

CHERRIES and CHERRY HYBRIDS

The Best Suited of All Fruits to the Northwest

Special Collection of Hardy Cherries

One each of the following cherries: Oka, Compass, St. Anthony, Champa, Tom Thumb, Native Sand Cherry. Catalog value, \$3.80. Special price.....

\$3.25

COMPASS. The tree is perfectly hardy, even in the far North, and seems especially adapted to the Western prairies, where it is very free from disease, and remarkably exempt from insect enemies and the depredations of birds. It frequently bears the same year it is set, and is quite certain to bear a good crop annually thereafter. The fruit, which resembles a small bright red plum, is of pleasant acidity as eaten out of the hand and when cooked or canned makes a remarkably fine rich flavored sauce. Price, each, 3 to 5 ft., 60c; per 10, \$5.50.



Oka.

OKA CHERRY. This is the outstanding Hansen production of recent years. Introduced only four years ago it has gained an enviable name for itself both in this country and Canada. A sand cherry hybrid, bushy but larger than Tom Thumb, it bears early and heavily. The fruit is the largest of the bush cherry type, dark red in color with reddish flesh, and of delicious flavor. The fruit hangs to the tree for a long time after ripe and dries instead of decaying. Altogether it is a fruit that will take a very high place on account of its combined good qualities. Each, 75c; 5 for \$3.40.

ST. ANTHONY. This is a Minnesota Fruit Station production similar to the Zumbra in many ways. It is a trifle larger than Zumbra and has a dark red flesh where that has green flesh. Ripens in late August. Each, 75c; 5 for \$3.25.

NICOLLET CHERRY. A relative of Zumbra and St. Anthony, but more like the pie cherry. Color is a cherry red, size that of a cherry, and flavor when cooked for sauce or used in pies just about that of the regular pie cherry. Small pit which is easily squeezed out. Each, 75c; 5 for \$3.25.

TOM THUMB. Another production of Prof. Hansen and one which is meeting with unusual favor in Canada. It is a cherry growing on a bush, and may be planted like currants and gooseberries. Begins to bear the second year and produces tremendous crops of cherries about the size of Compass but black in color and with dark red flesh like the Sapa. Each, 70c; 5 for \$3.00.

ZUMBRA. This is an entirely new type of cherry which promises to be of great value. It has been thoroughly tested for hardiness and seems to be fully as hardy as the Compass. It is a production of the Minnesota State Fruit Breeding Farm, and is supposed to be a cross between the sweet cherry, the pin cherry and sand cherry. Fruit is very dark, flesh greenish, freestone, quality very good. Excellent for preserves. Each, 2 to 3 ft., 75c; 5 for \$3.25.

CHAMPA. This is a handsome bush about the size of the common sand cherry and bears in great profusion a fairly early ripening black fruit very similar to the Tom Thumb cherry, but with a greenish flesh. It is a delicious fruit to eat from the hand and excellent for sauce. This is one of Prof. Hansen's productions. Each, 70c; 5 for \$3.25.

PRUNUS TOMENTOSA—CHINESE BUSH CHERRY. This is a handsome ornamental and one of the finest fruited cherries of recent introduction. The fruit is a bright red, slightly smaller than a pie cherry, but with the flavor of a real sweet cherry. Exceedingly hardy. Each, 75c; 5 for \$3.50.

WESTERN CHOKECHERRY—PRUNUS MELANOCARPA. This is a larger and sweeter cherry than the eastern variety and is exceedingly satisfactory for jelly and sauce, being perhaps the most delicious for that purpose of any of our western fruit. Also valuable in shelter belt and windbreak planting, and a handsome ornament. 4 to 6 ft., each, 25c; 10, \$2.00. 6 to 8 ft., each, 30c; 10, \$2.50.

SAND CHERRY or ROCKY MOUNTAIN CHERRY. This is a native bush cherry; wonderfully productive and very hardy. This fruit is nearly the size of a tame cherry and when dead ripe, of pleasant taste. Very fine for jams and jellies. Each, 30c; \$2.50 per 10.



Compass.



Western Chokecherry.



Sand Cherry.

NOTE SPECIAL COLLECTION ABOVE

Garden Tools

Hudson Combination Seeder and Cultivator No. 201



We are again offering this new machine which we can thoroughly recommend. It combines a high grade drill and seeder with both two- and one-wheel cultivators and sells at a very reasonable price for so excellent a machine. The illustration will give an idea of the equipment, which is very complete.

Price, boxed, handles furnished, F. O. B. Bismarck, \$16.00. Weight, 56 pounds.

Hudson Cultivator No. 218

This single wheel cultivator is a practical tool for the small gardener. It can be used as a hoe, plow or cultivator, working between rows. F. O. B. Bismarck, boxed, \$9.50. Shipping weight, 32 pounds.

Hudson Double Wheel Hoe No. 214

Same as No. 218 except less cultivator teeth and plows but with an extra wheel for cultivating astride row. F. O. B. Bismarck, boxed, \$8.50. Shipping weight, 32 pounds.

Hudson Seeder No. 205

Designed for the market gardener who does a great deal of seeding, and must always have a seeder set up ready for use. Can be made into a cultivator by adding the cultivating equipment as the steel frame and arch are standard. Will sow

all seeds from beans down to the very finest garden variety, either in continuous drills, or in hills spaced from 4 to 24 inches apart. The all brass seed regulator is absolutely accurate and gives perfect control of the seed flow. The adjustable furrow opening shoe permits planting at any depth up to 2 inches. Price, complete, boxed, F. O. B. Bismarck, \$14.00. Shipping weight, 44 pounds.

Hudson No. PE1 Single Wheel Cultivator and Pulverizer

This is one of the handiest little machines for the garden that we have ever seen. Can be used in any rows between twelve and six inches apart; consists of a weed cutting blade in front followed by five stirring and pulverizing teeth. Easy running, strong and sturdy. Shipping weight, 12 pounds. F. O. B. Bismarck, \$3.30.

No. 8½ Barker Jr.

These combination machines combine the operations of weeding, cultivating and mulching. They are easy to operate, even a child can handle one, and do a perfect piece of work in a minimum of time. Width of cut 8½ in., has three shovels and leaf guards. Price, F. O. B. here, \$7.75.



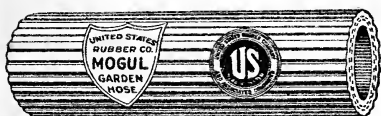
BARKER
TRADE MARK REG. 1914
WEEDER-MULCHER-CULTIVATOR

The Winner Fanning Mill

Cleans and grades all grains and grass seeds and does it perfectly. Separates wheat and barley from oats and wild oats. The best reasonable priced machine we have seen. Price for No. 24, width 24 in., \$32.60, F. O. B. here. We can quote on larger sizes, on elevators and other attachments on request.

Lawn Hose, Mowers, Nozzles, Sprinklers

Customer Pays Transportation Charges Unless Item is Marked Postpaid.



Imperial Garden Hose

Non-kinkable. This is the very best quality and lasts indefinitely. In 50-ft. length or cut to any length desired. Per foot, 13c.

Mohawk or Minnesota Garden Hose

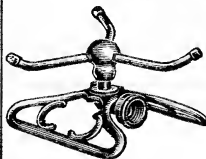
Black a good durable hose though of a somewhat cheaper quality. 50-ft. length, \$4.50.

Justrite Nozzle

A well made adjustable nozzle with the washer attached to the coupling end. Gives fine or coarse spray or solid stream. Price, each, 65c; postpaid, 75c.



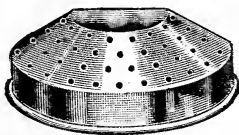
Dollar Lawn Sprinkler



This is wonderful value for the money. Gives a widely distributed, uniform spray covering a circle of 30 to 40 feet. Price, each, \$1.00; postpaid, \$1.10.

Victor Half Circle Lawn Sprinkler

Designed for the small lawn, especially where the water should carry in one direction only, as along the edge of walks, etc. Easily moved without turning off. Each, 50c; postpaid, 60c.



Is may, Mont.
Was very much pleased with your Blue Victor
Potato I ordered from you. Received them all right.
Yours very truly,
W. J. McAFEE.

INSECTICIDES FOR ALL PURPOSES

Prices Subject to Change. Ask for Prices on Large Lots.

ITEMS BELOW ARE AVAILABLE



ACME GARDEN GUARD. A garden insecticide and fungicide for use as a dust. No water, no mixing, no mussy. For use on cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds. Prices, F. O. B. Bismarck, 1-lb. sifter carton, 20c; 5 lbs., 75c. Postpaid, 1 lb., 25c; 5 lbs., 90c.

EVERGREEN. Non-Poisonous Remedy for Aphis.

This is one of the most valuable of recent introductions, giving us a safe remedy for that most difficult pest, the aphis or plant louse. Useful against plant lice, rose beetle, red spider, squash beetles, cabbage worms, cut worms, potato bugs, and all similar pests. Can be sent by mail, 1-oz. bottle makes 4 to 6 gallons of spray, 35c here or 40c, postpaid. 6 ozs. make 30 to 35 gallons, \$1.00 here or \$1.10, postpaid. Larger sizes quoted on request.

HAMMOND'S SLUG SHOT. One of the very best remedies against both cabbage worms and potato bugs as well as squash and cucumber bugs. A powder harmless to human beings and animals. Apply with a duster such as listed on page 95. F. O. B. Bismarck, 1 lb., 25c; 5-lb. pkg., 75c; 10 lbs., \$1.50. By mail, add your zone postage.

LIME SULPHUR. One of the most dependable of all insecticides for dormant spraying and the destruction of fungous parasites on woody plants and shrubs. 1 lb., 30c; 5 lbs. at 25c per lb.

SULPHO-TOBACCO SOAP. Combines the qualities of tobacco and an oily emulsion which no insect can withstand. Kills all kinds of plant lice, worms, etc. Also valuable as general insecticide for roaches, fleas, etc. Is not poisonous to plants or animals—only to insects. Postpaid, 3-oz. cake, 15c; 8-oz. cake, 30c.

FISH or WHALE OIL SOAP. A caustic potash soap made from pure fish oil, valuable for rose bushes as a wash, and for the leaves and bark of plants or trees to kill eggs and scale. Smear on trees will prevent the ascent of worms. A remedy against aphis. Postpaid, 1-lb. cake, 30c.

CARCO. This is the best remedy for cutworms and other underground pests. Use one pint to 75 pints of water and spray the soil before planting. Later use one pint to 135 pints of water. By express or freight, one pint, 75c. Postpaid, 90c.

TOBACCO DUST. An excellent remedy against all kinds of aphis or plant lice. Per lb., by express, 15c; 5 lbs., 50c. Postpaid, lb., 25c.

RAT AND MOUSE KILLER, NON-POISONOUS.

This is a new preparation which, while very destructive to rats and mice, is not injurious to cats, dogs, poultry, livestock or human beings. It is applied on baits like the more dangerous mixtures. 2-oz. pkg., enough for 100 to 175 baitings, 70c, postpaid. 8-oz. pkg., \$2.10, postpaid.

CORONA TREE WOUND DRESSING. For all cuts, breaks, bruises caused by accident or from pruning, or for injury by gnawing by rabbits or mice. Price, qt. can, 75c; postpaid, 85c.

All Prices F. O. B. Bismarck Unless Otherwise Stated.

ITEMS BELOW ARE NOT AVAILABLE

PARIS GREEN. The old reliable. Unavailable. 1/4 lb., 20c; 1 lb., 45c; 4-lb. bag at 40c per lb., larger lots at same price.

ACME ALL ROUND SPRAY. The latest improvement in the insecticide field; one product which will combat blight and fungous diseases, control sucking insects and destroy chewing insects in one application. Safe to use on almost all fruits, vegetables, flowers and shrubs. Write for descriptive circular. Prices, 1/4 lb., 35c; 1/2 lb., 45c; 1 lb., 85c.



BLACK LEAF 40. The old reliable nicotine spray for aphis of all kinds on plants, trees and shrubs. Also excellent to rid poultry and poultry houses of lice. An increasing use to which it seems especially adapted is as a sheep dip. Price, 1-oz. bottle (makes 6 gallons), 35c; 8-oz. bottle, \$1.40.

BORDEAUX MIXTURE. This is the only remedy against fungous diseases such as rusts, blights, mildew, etc., in shrubs, plants and trees. 1 lb., 40c; 4-lb. bag, \$1.40. Unavailable.

ACME LONDON PURPLE. A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage. For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects. Prices, 1/4 lb., 20c; 1 lb., 40c; 4 lbs., \$1.50.

ARSENATE OF LEAD. Rapidly coming to the front as a spray for potatoes. Powder form. Unavailable. 1/2 lb., 25c; 1 lb., 40c; 4-lb. bag at 38c. Larger lots at same figure.

BAIT M. For Cut Worms. An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn. For use against snails, cutworms, sow bugs, grasshoppers and many other insects which migrate along the ground. Price, 1 lb., 35c; 3 lbs., 70c.

ANTROL Destroys Ants Around House and Garden.

This is a specially prepared set of containers to which the ants are attracted and which by means of a slow poison not only kills those eating from the containers, but is carried back to the tunnels and fed to the rest of the colony. Price, Antrol set, \$1.00; extra syrup bottles, each, 50c.

CORONA COPPER CARB. The most popular preparation for treatment of seed wheat against smut. Is used dry and the seed may be treated in the winter without any injury to it. Two ounces treats one bushel seed. Comes in 5-lb. cartons at 20c per lb. here.

CAREOLA. The Disinfecting White Paint and Dusting Powder for insects. A white paint and powerful disinfectant in powder form. Quickly mixed with water—no waiting or straining. Applied with brush or sprayer to all surfaces. Does not flake or peel off. One pound covers 100 square feet. Agricultural colleges and experiment stations highly recommend it for cleanliness and prevention of disease in poultry houses, etc. 5-lb. pkg., 75c; 10 lbs., \$1.25; 50 lbs., \$5.00.

Seed Disinfectant

For control of wilts, blights, smuts, scab and nearly all fungus and germ plant diseases. Especially useful as a treatment for seed corn. Poisonous and not available. Order by express. Price, F. O. B. Bismarck.

SEMESAN BEL

An Instantaneous Dip Disinfectant for Seed Potatoes.

4-oz. tin	.....\$0.50
1-lb. tin	.....1.75
5-lb. tin	.....8.00

Du Bay Seed Disinfectants are poisonous and owing to present Postal Regulations cannot be sent through the mails but must be sent by express or freight.

SEMESAN Jr.

A Dust Disinfectant for Seed Corn. 2 ozs. per bu.

4-oz. tin	.....\$0.50
1-lb. tin	.....1.75

CERESAN

A Dust Disinfectant for Wheat, Oats, Barley and Certain Other Cereals.

Use 2 ozs. per bu. of Wheat, 3 ozs. per bu. of Barley.

1-lb. tin	.....\$0.75
5-lb. tin	.....3.00

Foods and Poultry Supplies

SEND FOR OUR BLUE FEED LISTS—ISSUED AS PRICES CHANGE.

All Prices F. O. B. Bismarck Unless Otherwise Noted.
Prices Subject to Change Without Notice.

Will's Pioneer Brand Feeds

We wish to call especial attention to our own line of prepared poultry feeds and mashes. We have selected the best formulas recommended by the State Experiment Stations of the Northwest, and compound them of the highest grade materials, with the utmost care.

PIONEER BRAND GROWING MASH. This is a fattening mash so compounded as to stimulate the putting on of flesh when fattening for the market. Please remember that our mashes are compounded from experiment station formulas. 25 lbs., \$1.25; 100 lbs., \$4.75.

PIONEER BRAND EGG or LAYING MASH. A ration of this feed adds greatly to egg production, especially in Winter. 25 lbs., \$1.25; 100 lbs., \$4.75.

PIONEER BRAND MILK MASH. To promote healthy and rapid growth of chicks, and for fattening. 25 lbs., \$1.50; 100 lbs., \$5.00.

PIONEER BRAND BABY CHICK FOOD or CHICK STARTER. For baby chicks up to three weeks old. A carefully ground, mixed and screened feed. Lb., 4c; 100 lbs., \$3.75.

PIONEER BRAND CHICK FOOD. To be fed after three weeks old and until chicks are able to eat whole grain. Lb., 3½c; 100 lbs., \$3.00.

PIONEER BRAND SCRATCH FEED. A balanced grain mixture of our own preparation for mature birds. Has given uniformly excellent results. 100 lbs., \$2.50.

TURKEY STARTER. With the ever increasing turkey production in our territory there has arisen an extensive demand for a feed for young turkeys, and we are this year offering a mash compounded by the same careful methods and from the same carefully chosen formulas as our other mashes. 25 lbs., \$1.25; 100 lbs., \$4.50.

We do not place any cod liver oil in our mixtures as it may cause them to spoil quickly. However, much better results follow if cod liver oil is used with the mashes, mixing as you use.

NOPCO COD LIVER OIL. This is one of the finest and purest brands and compares very favorably in price with any other brand. We offer it in quart and gallon sizes. Price, F. O. B. Bismarck, 1 qt., 60c; 1 gal., \$2.00. Postpaid, 1 qt., 70c.

BONE MEAL. A conditioner required for perfect health. 5 to 50 lbs., at 6c per lb., here; 100 lbs., \$5.00.

ROLLED OATS. For poultry and stock food and of use in compounding mixtures. 90-lb. sack, \$3.85.

MEAT SCRAPS. 25-lb. sack, \$1.75; 100 lbs., \$6.00.

DIGESTER TANKAGE. A very necessary conditioner for hogs. 100 lbs., \$6.00.

PILOT BRAND CRUSHED OYSTER SHELLS
We have a good supply this year. 10 lbs., 25c; 100 lbs., \$1.65.

JERSEY MILK FOOD. A whole dried milk compound useful alike for poultry, calves and young pigs. One pound of the Compound to 5 to 10 pounds of corn, ground feed or other feed is used, depending on the type of feed you desire. Takes the place of all milk for the calf. 12 lbs., \$2.75; 25 lbs., \$5.50; 50 lbs., \$9.50; 100 lbs., \$18.00.

DRIED BUTTERMILK. This is almost an indispensable article in feeding poultry scientifically and for best results. By express or freight, lb., 20c; 25-lb. lots or larger, 15c per lb.

ALFALFA MEAL. By express or freight, 10 lbs., 50c; 25 lbs., \$1.00; 100 lbs., \$3.50.

OIL MEAL, Linseed and Cottonseed. 10 lbs., 60c; 100-lb. sack, \$4.00. Ask for prices on larger amount.

CALF MEAL. Raise your calves without milk. This compound, composed of balanced ingredients, is a perfect milk substitute. Has been used for years and always with the best success. Comes in all size sacks, full directions accompanying every sack. Try it and you will always use it. 25-lb. sack, \$1.75; 50-lb. sack, \$3.00; 100 lbs., \$5.00.

SUNFLOWER, HEMP AND CANARY. For poultry, parrots and song birds. F. O. B. Bismarck, lb., 20c; 10 lbs., \$1.50.

CHARCOAL. To keep fowls in a healthy state, a regulator of some kind must be fed. Nothing takes the place of charcoal. 10 lbs., 75c; 50-lb. sack, \$2.50.

MICA CRYSTAL GRITS. By express or freight, 100 lbs., \$2.00.

PEARL LIMESTONE GRIT. The dual purpose grit, hard enough to furnish the necessary grinding material for chickens, and soluble enough to furnish the much needed lime for bone and shell building. No other grit need be used with this. 25 lbs., 50c; 100 lbs., \$1.75; ton, \$32.00.

MINERAL MIX. This is a mineral for mixture in hog, sheep and cattle rations. So much has been said of its value in farm papers and bulletins that we do not need to go into the matter. 25 lbs., \$1.00; 100 lbs., \$3.00.

Poultry Supplies

REVENGE LICE KILLER. No dusting required. Merely sprinkle about the pen or house, and roosts, unless the lice are very bad when it should be applied direct to the birds. A disinfectant which will prevent diseases to quite an extent. Lice begin to die within 4 minutes of use. Small package, 75c, postpaid; larger size, \$1.10.

EVAPOMETER. An instrument to indicate the percentage of moisture in the incubator. THIS MACHINE WILL SAVE THE EGGS IN THE INCUBATOR, and give a very much higher hatch. Do not guess, but know what your moisture is. Price, \$1.00, postpaid.

GLASS JAR DRINKING FOUNTAINS. We supply only the lower dish and the holder for the jar. Any common glass jar or sealer will do. Price, postpaid, 20c. Not postpaid, 15c.

CHAMPION LEG BAND. Aluminum. Numbered from 1 to 100. Price, 25 set, 20c; 100 set, 85c, postpaid.

KEYRING CELLULOID LEG BANDS. Different colors. Doz., 20c; 100, 80c, postpaid.

INCUBATOR THERMOMETER. This is the most convenient, most accurate and altogether most satisfactory thermometer that we have seen, and takes up the least tray room. Each, \$1.00, postpaid.

NO. 39 POULTRY PUNCH. Scissors type, works easily, cuts clean without bruising. One of the most satisfactory ways to mark your poultry, ten to fifteen markings using both feet are possible. Each, 55c, postpaid.
Prices on Incubators and Brooders sent on request.

BLACK LEAF 40. See page 95 for price. Spray on roosts and destroy lice.

BABY CHICKS

We shall be able to supply a line of genuine quality baby chicks in the proper season. These will not be double shipped and market run, but shipped direct from the hatchery and of the very highest quality from carefully bred birds. Write in January for our price list of baby chicks.



Prices Are All Postpaid on Small Size Packages.

Book on "Cure & Treatment of Stock & Poultry" by Dr. LeGear, free on Request.

POSTPAID

KAMALA PILLS. These are especially recommended for turkeys. Pkg., \$1.10.

NICOTINE PILLS. Contain nicotine sulphate, much recommended. Pkg., \$1.10.

POULTRY WORM POWDER. A new and very popular preparation. Pkg., \$1.10.

WHITE DIARRHOEA REMEDY. Pkg., 60c.

ANTISEPTIC HEALING POWDER. For wire cuts, saddle and collar galls. Pkg., 35c.

POULTRY POWDER. A wonderful tonic, appetizer and conditioner. Pkg., 30c.

LICE KILLER. In sifter top cans. Pkg., 30c.
HEAD LICE REMEDY. A salve. Pkg., 35c.

NOT POSTPAID

STOCK POWDERS. Mineral and vegetable ingredients compounded to produce an effective tonic and conditioner for cows, hogs, etc. 25-lb. pail, \$3.00. (Also small pkg., 30c, postpaid).

STOCK DIP. For Sheep and Cattle. 1-qt. can, 65c; per gallon, \$1.75.

LINIMENT. For sprains, bruises and sore muscles. Good for man or beast. Bottle, 35c.

Fertilizers for All Purposes

In this new country of rich soil the fertilizer question has been little considered, but as gardening, flower growing and vegetable raising increase, needs for special fertilizers are developing. Barnyard manure is excellent but requires time to release the plant food.

The three necessary elements in plant growth which are not always present in the soil are nitrogen, which stimulates luxurious growth; phosphorus, which has a tendency to force bearing and hasten maturity, and potash which stimulates growth, delays maturity of grains and grasses but hastens maturity in root crops. We offer these three elements separately below, nitrogen in the form of nitrate of soda and ammonia sulphate, phosphorus in the form of bone meal and superphosphate, potash in the form of muriate of potash. Good combinations for general use are 400 lbs. superphosphate and 200 lbs. each of nitrate of soda and muriate of potash per acre or 8 per cent phosphate, 5 per cent nitrogen and 7 per cent potash.

PULVERIZED SHEEP MANURE. This is by far the most concentrated of the cheaper fertilizers and is adapted especially for garden and lawn use, and for use in a larger way where the land is being used intensively. Sheep manure is a complete fertilizer and supplies every item which worn-out soil requires. Use from 5 to 10 lbs. per 100 square feet. Price, 10 lbs., 40c; 25 lbs., 60c; 50 lbs., 80c; 100 lbs., \$1.25; 500 lbs., \$6.00; 1000 lbs., \$11.00; one ton, \$20.00, F. O. B. Bismarck.

ARMOUR'S LAWN AND GARDEN GROWER. A balanced fertilizer for the lawn and garden. Apply 20 to 30 lbs. to the lawn and garden in the early Spring. For intensive gardening use 4 to 6 lbs. per 100 square feet. For flower beds about the same amount should be used. An additional application of one or two lbs. per 100 square feet during the Summer should be carefully applied. It is valuable around trees and shrubs. ¼ lb. around each shrub, and 4 to 5 lbs. around a large tree in a circle as far as the branches spread. - 5-lb. pkg., 50c; 25-lb. bag, \$1.75; 50-lb. bag, \$3.00; 100 lbs., \$5.00, F. O. B. here.

SUPERPHOSPHATE. This is an easily used and quickly assimilated phosphorus fertilizer, about 20 per cent phosphoric acid. Price, 100 lbs., \$4.50, F. O. B. Bismarck.

STEAMED BONE MEAL. (The great phosphorus supplier). Causes fruiting and blooming in reluctant plants, flowers, shrubs and trees; hastens maturity so promotes earliness when applied in the Spring. Especially useful to stimulate bloom in peonies. Lb., 25c, postpaid. By express or freight, 10 lbs., 75c; 50 lbs., \$2.50; 100 lbs., \$4.75, F. O. B. Bismarck.

NITRATE OF SODA. The great growth stimulator, the best chemical agent in supplying the much needed nitrogen to deficient soils. Has a wonderful effect on lawn, garden or flowers. F. O. B. Bismarck, 5 lbs., 75c; 10 lbs., \$1.25; 25 lbs., \$2.50; 100 lbs., \$7.00.

MURIATE OF POTASH. Promotes growth, delays development and causes longer growing in grains, grasses, flowers, but stimulates both growth and maturity of root crops such as beets, carrots, etc. F. O. B. Bismarck, 5 lbs., 80c; 10 lbs., \$1.00; 25 lbs., \$2.00; 100 lbs., \$7.00.

AMMONIA SULPHATE. The Lawn Fertilizer. Also valuable for the garden or flower bed. A highly concentrated nitrogen fertilizer which acts very quickly. Use it on the lawn in the Spring at the rate of 3 lbs. per 1000 square feet. Valuable also for trees and shrubbery. Price, 10-lb. bag, \$1.00; 100 lbs., \$6.50, F. O. B. Bismarck.

STIM-U-PLANT. Concentrated fertilizer and plant food in tablet form, the most concentrated form of plant food on the market. Four tablets make one gallon strong fertilizer. Pkg. of 30 tablets, 25c; postpaid, 30c. Pkg. of 100, 75c; postpaid, 85c.

FEEDEM. For House Plants, Lawn and Garden. Made by the manufacturers of Nitragin Inoculant. A balanced mixture of very high analysis, concentrated beyond the ordinary plant food and so much more efficient. 4-oz. size, 30c; 8-oz. size, 50c, F. O. B. here. Postpaid, 4-oz. size, 35c; 8 ozs., 60c.



LANG'S HAND WEEDER. The ideal tool for the flower bed or small garden. A necessity to every gardener. Price, postpaid, 25c each; \$2.50 per doz.

HAND GARDEN TROWELS. We have secured a supply of extra good quality heavy trowels. Neither handle nor blade will break or bend. Price, each, 80c, postpaid.



THE CYCLONE SEED SOWER. To broadcast Grain, Grass and Clover Seed. Also to Seed Onion and Rutabaga. The machine is so simple in construction and so perfect in operation that even a boy can operate it. It will sow clover, timothy, wheat, oats, rye, buckwheat, Hungarian, Red Top, turnip, millet, alfalfa and all other farm seeds perfectly even and in any desired amount to the acre and from thirty to sixty acres per day. Full instructions and directions on every machine. Price, each, \$2.15, postpaid. F. O. B. Bismarck, \$2.00.

ACME POTATO PLANTER. All steel with basket tube to drop into. Price, \$2.75 each, F. O. B. Bismarck.

ACME HAND CORN PLANTER. Plants one to five kernels per hill as desired. Price, \$2.00, F. O. B. Bismarck.



EXCEL CORN POPPER. Takes all the tired muscles and burned faces out of popping corn. Made both for use with any coal stove or with attachment for electricity. Pops quickly and completely, put in a handful of popcorn and the popper does the rest. Price, postpaid, equipped with heating unit and plug to screw into socket, \$2.15. Plain popper for use with coal, oil or gas stove, 65c.

SPRAYERS AND DUSTERS

Prices on repairs and large sprayers on request.

ONE QUART GLASS JAR SPRAYER. This is a substantially built and very satisfactory small machine. Price, F. O. B. Bismarck, 60c.

PERFECTION. This is an exceedingly well built knapsack sprayer with a capacity of four gallons. Reinforced galvanized tank. Price, \$6.50, F. O. B. Bismarck. With brass tank, price \$10.00.

JUNIOR. A smaller knapsack type; capacity 2½ gallons; built as sturdily in every way. Price, \$5.00, F. O. B. Bismarck. With brass tank, \$8.00.

ACME DUSTER. A cheap and exceedingly satisfactory duster for the application of all powder insecticides. Price, postpaid, 80c.

POWDER SPRAYER or DUST GUN. A low-priced mechanical dust distributor that gives good satisfaction. Built somewhat along the lines of the smaller sprayers. Price, F. O. B. Bismarck, \$1.25. Postpaid, \$1.35.

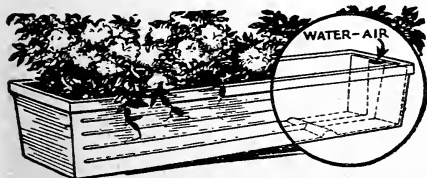


"NEPONSET" WATERPROOF PAPER FLOWERPOTS. Just the thing for starting bedding and vegetable plants, etc. They make a fine cut worm guard, as the paper is creosoted. Postpaid, 3-inch size, 30c per doz.; \$1.50 per 100; \$12.00 per 1000.

NEPONSET



HARRIS READY-TO-USE LOCKED PLANT BANDS AND POTS. The only really Ready-to-use bands on the market. No locks to put together, no tacks to drive, no folding of corners. The finest thing known to transplant plants of every kind. They are cheap, easy to use and very satisfactory. They come already folded and set up. All you have to do is open them, set close together, in a box, fill with dirt and put in the plant. These have about twice the capacity of round pots the same size. Bands, 2x2x2½ inches, package of 250, \$1.50, postpaid. Bands, 3x3x3 inches, package of 250, \$2.00, postpaid. Pots, 3x3x3 inches, Package of 250, \$2.25, postpaid.



PERFECTO WINDOW BOX. Comes in green, old ivory or red and in several sizes. Built on scientific principles, and to sell at a reasonable price. Self-irrigating combined with air circulation give ideal conditions for growing plants. Made of coppered steel with a lead coat, and very rust proof. Light in weight. Price, F. O. B. here, 20 inches long, \$1.25; 26 inches, \$1.80; 32 inches, \$2.30.

GATOR HIDE PAPER MULCH. The newest thing in gardening. Cover the ground between rows of vegetables with mulch paper, save hoeing and cultivating, and harvest bigger and better crops with much less labor. Mulch paper comes in rolls 450 feet long and in rolls 18 and 36 inches wide. Price, 18 inches, \$4.25; 36 inches, \$8.50, F. O. B. here.

INDEX

Achillea	82	Coleus	70	Iris	84	Radishes	38, 39
Ageratum	4, 70	Columbine	82	Ivy	70	Rape	64
Alfalfa	67, 68	Convolvulus	7	Juneberry	76	Raspberries	85
Almond, Flowering	77	Corn, Field	49, 57	Juniper	73	Red Top	66
Alsike	69	Cornflower	4			Remedies, Stock and	
Alyssum	4	Corn Planter	95			Poultry	94
Anemone	83	Corn, Pop	23	Kale	21	Rhubarb	31
Anemone	82	Corn Popper	95	Kohl-rabi	22	Ribbon Grass	83
Anise	43	Corn Salad	22			Ricinus Grass	9
Antirrhinum	4, 70	Corn, Sweet	24, 25	Lady Slipper	5	Roses	80
Apples	87	Cosmos	6	Larkspur	82	Rosemary	43
Apricot, Chinese	77	Cotoneaster	78	Lavatera	7	Rose Moss	8
Artemisia	79	Cottonwood	74	Lavender	43	Russian Olive	78
Ash	74	Crab Apples	88	Lawn Grass	66	Rutabagas	46
Asparagus	12	Cranberry, High Bush	76	Lawn Supplies	91	Rye	61
Asparagus Ferns	71	Cress	22	Lead Plant	83		
Asters	4, 70, 82	Crested Wheat Grass	65	Leek	22	Saffron	43
		Cucumbers	26, 27	Lettuce	28, 29	Sage	43
Baby's Breath	6, 82	Cultivators	91	Lilac	78	Salpiglossis	9
Baby Chicks	93	Currants	86	Lily-of-the-Valley	83	Salsify	41
Bachelor's Button	4	Cut Flowers	70	Linden	74	Salvia	9, 70
Balloon Vine	6			Lobelia	7, 70	Sand Cherry	76, 90
Balm of Gilead	75	Dahlia	6, 71			Scabiosa	9
Balsam	5	Daisy	6, 70, 84	Madeira Vine	72	Schizanthus	9
Balsam Poplar	75	Delphinium	7, 82	Mangels	16	Seed Disinfectants	92
Barley	58	Dianthus	6	Maple	75	Seeders	91
Basswood	74	Digitalis	6	Marguerite	7	Seed Separator	95
Beans	13, 14, 15	Dill	43	Marigold	7	Seed Sower	95
Beans, Scarlet Runner	5	Dogwood	76	Matrimony Vine	79	Sheep Berry	76
Beard Tongue	8	Drills	91	May Day Bush	77	Shrubs	76-79
Bedding Plants	70	Dusters	95	Meadow Fescue	85	Silverberry	76
Bee Balm	5			Meadow Rue	83	Slug Shot	92
Beets	17	Eggplant	27, 71	Mesembryanthemum	7	Snappdragon	4, 70
Beets, Stock	16	Elder	71	Mignonette	7	Snowball	76
Beets, Sugar	70	Elm	75	Millet	63	Snow-on-the-Mountain	9
Begonia	6	Emmer	61	Monarda	83	Sorghums	62
Bellis	75	Endive	72	Morning Glory	7	Soy Beans	64
Birch	79	Engelmann's Creeper	29	Mountain Ash	74	Spanish Bayonet	84
Bittersweet	75	Euphorbia	9	Mourning Bride	9	Speltz	61
Boltonia	82	Evergreens	73	Muskmelons	30, 31	Spider Plant	84
Borecole	82			Mustard	43	Spiderwort	5
Bouncing Bet	5, 82	Feed	93	Nasturtiums	7	Spinach	41
Box Elder	74	Fennel	43	Nasturtiums	7	Spiraea	77
Blanket Flower	83	Ferns	70	Nicotiana	8	Sprayers	95
Blackberries	85	Fertilizers	94	Nitragin	67	Spruce	73
Black Haw	76	Feterita	62	Nursery Stock	73-90	Squash	42, 43
Blazing Star	82	Feverfew	70			Stocks	9
Bleeding Heart	82	Field Peas	64	Oak	75	Stock Beets	16
Blue Grass	66	Field Seeds	49	Oats	59	Stock Powders	94
Broccoli	21	Flax	61, 83	Okra	79	Strawberries	86
Brome Grass	65	Floral Designs	70	Old Man	76	Strawflower	7
Brussels Sprouts	21	Flowering Almond	77	Onion Plants	73	Sudan Grass	62
Buckthorn	78	Flowering Crab	76	Onion Seed	34, 35	Sugar Beet	16
Buckwheat	64	Flowering Currant	76	Onion Sets	33	Sumac	76
Buffalo Berry	79	Flowering Plum	77	Oyster Plant	41	Summer Cypress	6
Burning Bush	6	Flower Seeds	4-11			Summer Savory	43
Butterfly Flower	9	Flowers by Wire	70	Pansies	8, 70	Sunflower	6, 64, 84
		Forget-Me-Not	6	Paper Mulch	95	Swiss Chard	17
Cabbage	13, 19	Four O'Clock	6	Paris Green	92	Sweet Clover	68, 69
Cabbage, Chinese	22	Foxglove	6	Parsley	31	Sweet Corn	24, 25
Cabbage Plants	71			Parsnips	40	Sweet Marjoram	43
Calendula	5	Gaillardia	83	Pasque Flower	83	Sweet Peas	10, 11
Calliopsis	5	Garden Huckleberry	45	Peas	36, 37	Sweet Rocket	9
Campanula	5	Garlic	33	Peas, Field	64	Sweet Sultan	5
Canary Bird Flower	5	Geranium	6, 70	Peanuts	41	Sweet William	10, 84
Candytuft	5	Giant Daisy	83	Pear	88		
Cane	62	Gladliolus	72	Pea Tree	78	Thyme	43
Canna	5, 70, 71	Golden Glow	83	Pelargonium	8	Tickseed	85
Canterbury Bells	5	Golden Rod	83	Pentstemon	8	Tiger Lily	84
Caraway	43	Gooseberries	85	Peonies	81	Timothy	66
Carbala Paint	92	Gourds	6, 22	Peppers	29, 71	Tobacco	41
Carnation	21	Grapes	86	Perennials	81-84	Tomatoes	44, 45, 71
Carrots	20, 21	Grass Seed	65, 66	Petunias	8	Trowels	95
Castor Beans	9	Greenhouse Dept.	70-72	Phlox	8	Turnips	46
Catchfly	5	Ground Cherry	45, 72	Physalis	8		
Catnip	43	Gypsophila	6, 82	Pieplant	31	Vegetable Plants	71
Cauliflower	21, 72			Pin Cherry	75	Vegetable Seeds	12, 43
Cedar	75	Hackberry	75	Pine	73	Verbena	10, 70
Celeriac	23	Hand Weeder	95	Plant Bands	95	Virginia Creeper	79
Celery	23, 72	Hawthorn	76	Plant Food	94	Vinca	70
Celosia	5	Hazelnut	85	Planting Table	12	Vines	79
Centaurea	5	Helianthus	6	Platycodon	83	Violet	84
Chard, Swiss	17	Helichrysum	7	Plums	89		
Cherries	90	Heliotrope	6, 70	Pop Corn	23	Wallflower	83
Chervil	21	Herbs	43	Poplar	75	Walnut	75
Chicory	22	Hesperis	9	Poppies	9	Watermelon	32, 33
Chinese Apricot	77	Hollyhock	78	Portulaca	8	Wheat	60
Chinese Bellflower	83	Honeysuckle	83	Postal Rates	2	Wild Cucumber	6
Chinese Cabbage	22	Hop Vine	79	Potatoes	47, 48	Willow	75
Chinese Lantern Plant	5	Horehound	43	Potato Eyes	48	Windflower	82
Chinese Peach	77	Horseradish	91	Potato Planter	95	Wintow Box	95
Chinese Woolflower	5	Hose	91	Pots	95	Wonderberry	45
Chives	22	Hubam	69	Poultry Remedies	94	Woodbine	79
Chrysanthemum	5			Poultry Supplies	93	Wormwood	43
Clarkia	5	Ice Plant	7	Prairie Clover	83		
Cleome	91	Inoculant	67	Premiums	3	Yucca	84
Clematis	79	Insecticides	92	Primrose	8, 70		
Clover	68, 69	Pumpkins	7	Pumpkins	40	Zinnia	10
Cobaea	6						



WILL'S
"Pioneer"
 Shrub
 Collection
 Postpaid
 for **\$1.50**

*Consisting of six handsome shrubs for
 foundation planting.*

- 1 Spirea Van Houttei
- 1 Spirea Opulifolia
- 1 Cotoneaster
- 1 Flowering Currant
- 1 Tartarian Honeysuckle
- 1 Spirea Frobeli

All are hardy in the northwest

Value \$2.10

Sent postpaid for \$1.50

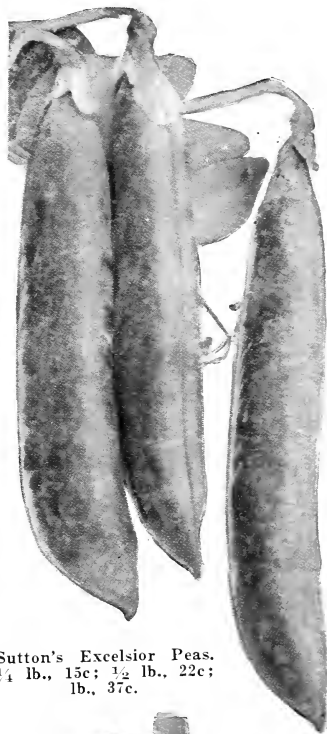
12 Named Gladioli from This Catalog

12 named varieties, all new and different; large, plump and vigorous bulbs. Varieties are listed and described on page 72. These bulbs sold separately come to \$1.95.

WILL'S
Aristocrat
 Gladiolus
 Collection
 Postpaid
 for **\$1.30**



WILL'S DOLLAR Home Garden Collection



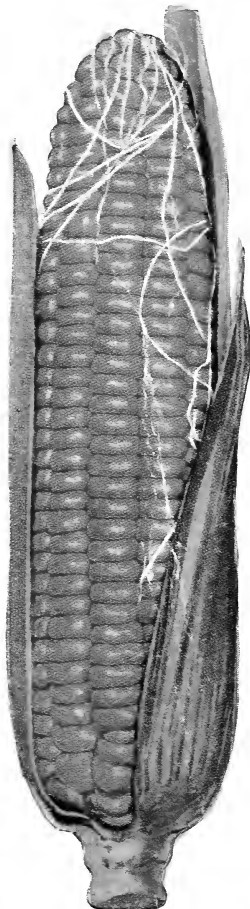
Sutton's Excelsior Peas.
1/4 lb., 15c; 1/2 lb., 22c;
1 lb., 37c.



Will's Early Carmine
Radish,
Pkt., 5c; oz., 10c.



Danvers Half-Long
Carrot. Pkt., 5c;
oz., 10c.



Golden Bantam Sweet
Corn. Pkt., 5c; 1/4 lb., 15c.

This Home Garden Collection

is planned for a garden 25 x 40 feet in 25-foot rows. This will be a great saving and a special convenience to the customer who is not familiar with varieties and comparative quantities required. Amount, variety, space required, distance between rows, and regular price are shown in the following:

1/2 lb. Improved Golden Wax Beans, 2 rows 18 inches	\$0.23
1 oz. Will's Improved Beet, 2 rows 18 in. ...	.10
2 pkts. Danvers Half-Long Carrot, 2 rows 18 inches .....	.10
1/4 lb. Golden Bantam Sweet Corn, 4 rows 2 1/2 feet .....	.15
1 pkt. Early Fortune Cucumber, 1 row 3 feet ..	.05
2 pkts. Lettuce (1 Leaf, 1 Head), 1 row 1 ft. ..	.10
2 pkts. White Portugal Onion, 2 rows 18 in. ...	.10
2 pkts. Improved Guernsey Parsnip, 2 rows 18 inches .....	.10
1/2 lb. Bliss Everbearing Peas, 2 rows 2 feet. ..	.22
1/2 lb. Sutton's Excelsior Peas, 2 rows 2 feet. ..	.25
1 oz. Will's Early Carmine Radish, 2 rows 1 ft. ..	.10
1 pkt. Swiss Chard (Lucullus), 1 row 18 in. ....	.05

Value if ordered separately ..\$1.55

SPECIAL OFFER \$1 POST PAID

Oscar H. Will & Co.
Bismarck, N. D.



Improved
Golden
Wax
Beans.
Pkt., 5c;
1/4 lb., 15c.